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CHARACTERISTICS OF .015 SCALE SPACE  
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SPACE SHUTTLE

AEROTHERMODYNAMIC DATA REPORT



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SUBSONIC AND TRANSONIC HINGE MOMENT AND  
WING BENDING/TORSION CHARACTERISTICS OF .015  
SCALE SPACE SHUTTLE MODELS 49-0 AND 67-TS IN THE  
ROCKWELL INTERNATIONAL TRANSONIC WIND TUNNEL (IA70)

By

M. T. Hughes and R. C. Mennell  
Shuttle Aero Sciences  
Rockwell International Space Division

Prepared under NASA Contract Number NAS9-13247

By

Data Management Services  
Chrysler Corporation Space Division  
New Orleans, La. 70189

for

Engineering Analysis Division  
Johnson Space Center  
National Aeronautics and Space Administration  
Houston, Texas



# WIND TUNNEL TEST SPECIFICS:

Test Number: Rockwell Trisonic - 282  
NASA Series Number: IA70  
Model Numbers: 49-0, 67-TS  
Test Dates: 3 through 24 May 1974  
Occupancy Hours: 161

## FACILITY COORDINATOR:

R. B. Russell  
Rockwell International B-1 Division  
Mail Stop BD02  
Los Angeles International Airport  
Los Angeles, California 90009

Phone: (213) 670-9151 x3343

## PROJECT ENGINEERS:

M. T. Hughes,  
R. C. Mennell  
Rockwell International  
B-1 Division  
Mail Stop BD02  
Los Angeles International Airport  
Los Angeles, California 90009

Phone: (213) 670-9151 x3343

## AERODYNAMICS ANALYSIS ENGINEER:

C. F. Ehrlich, Jr.  
Rockwell International  
Space Division  
12214 Lakewood Blvd.  
Mail Stop AC07  
Downey, California 90241

Phone: (213) 922-5060

## DATA MANAGEMENT SERVICES:

Prepared by: Liaison--D. A. Sarver, M. J. Lanfranco  
Operations--D. E. Poucher

Reviewed by: J. L. Glynn

Approved: J. L. Glynn  
FOR N. D. Kemp, Manager  
Data Management Services

Concurrence: R. D. Taylor  
FOR J. G. Swider, Manager  
Flight Technology Branch

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Rockwell International Space Division

ABSTRACT

Experimental aerodynamic investigations were conducted on an 0.015-scale representation of the VL70-000140A/B Integrated Space Shuttle Launch Vehicle in the Rockwell International Trisonic Wind Tunnel from 3 May 1974 to 24 May 1974. The primary test objective was to obtain subsonic and transonic elevon and bodyflap hinge moments and wing bending-torsion moments in the presence of the launch vehicle. Wing pressures (42) were also recorded for the upper and lower right wing surfaces at two spanwise stations ( $\eta = 0.436$  and  $0.771$ ).

The hinge moment, wing bending/torsion moments and wing pressure data were recorded over an angle-of-attack ( $\alpha$ ) range from  $-8^\circ$  to  $+8^\circ$ , an angle-of-sideslip ( $\beta$ ) range from  $-8^\circ$  to  $+8^\circ$  and at Mach numbers of 0.90, 1.12, 1.24 and 1.50. The Reynolds number for all Mach numbers was approximately  $7.0 \times 10^6/\text{foot}$ .

Outboard elevon deflections of  $0^\circ$ ,  $\pm 4^\circ$  and  $\pm 8^\circ$ ; inboard elevon deflections of  $0^\circ$ ,  $+4^\circ$ ,  $+8^\circ$  and  $+12^\circ$ ; and bodyflap deflections of  $0^\circ$  and

+10° were tested over the entire Mach number range.

Tests were also conducted to determine the effects of the Orbiter rear attach cross beam and the forward attach wedge and strut diameter. The Orbiter alone was tested at 0.90 and 1.24 Mach number only.

For both the Orbiter alone and integrated configurations the models were sting mounted on a dummy 1.5-inch Task MK XXVII balance pinned in the Orbiter.

This report consists of three volumes arranged in the following manner:

- Volume 1 - Plotted and tabulated force data
  - Plotted pressure data - Figures 25 and 26
- Volume 2 - Plotted pressure data - Figures 27 through 32
- Volume 3 - Tabulated pressure data

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## SCHEDULE OF COEFFICIENTS PLOTTED:

- (A) CHEO, CHEI, CHBF, CBW, CTW versus ALPHA
- (B) CHEO, CHEI, CHBF, CBW, CTW versus ALPHA  
CHEO, CHEI versus ELV-LI
- (C) CHEO, CHEI, CHBF, CBW, CTW versus ALPHA  
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- (D) CHEO CHEI, CHBF, CBW, CTW versus ALPHA  
CHBF versus BFLAP
- (E) CP, DCP versus X/C

NOMENCLATURE  
General

<u>SYMBOL</u>	<u>PLOT SYMBOL</u>	<u>DEFINITION</u>
a		speed of sound; m/sec, ft/sec
C <sub>p</sub>	CP	pressure coefficient; $(p_1 - p_\infty)/q$
M	MACH	Mach number; $V/a$
p		pressure; N/m <sup>2</sup> , psf
q	Q(NSM) Q(PSF)	dynamic pressure; $1/2\rho V^2$ , N/m <sup>2</sup> , psf
RN/L	RN/L	unit Reynolds number; per m, per ft
V		velocity; m/sec, ft/sec
$\alpha$	ALPHA	angle of attack, degrees
$\beta$	BETA	angle of sideslip, degrees
$\psi$	PSI	angle of yaw, degrees
$\phi$	PHI	angle of roll, degrees
$\rho$		mass density; kg/m <sup>3</sup> , slugs/ft <sup>3</sup>
<u>Reference &amp; C.G. Definitions</u>		
A <sub>b</sub>		base area; m <sup>2</sup> , ft <sup>2</sup>
b	BREF	wing span or reference span; m, ft
c.g.		center of gravity
$\bar{l}_{REF}$ $\bar{c}$	LREF	reference length or wing mean aerodynamic chord; m, ft
S	SREF	wing area or reference area; m <sup>2</sup> , ft <sup>2</sup>
	MRP	moment reference point
	XMRP	moment reference point on X axis
	YMRP	moment reference point on Y axis
	ZMRP	moment reference point on Z axis
<u>SUBSCRIPTS</u>		
b		base
l		local
s		static conditions
t		total conditions
$\infty$		free stream

NOMENCLATURE (Continued)  
Additions to Standard Listing

<u>Symbol</u>	<u>Plot Symbol</u>	<u>Description</u>
$a_m$	.	distance from $m_1$ to $m_2$ gage, in
$B_W$		wing panel bending moment, in-lbs
$C_{BF}$		bodyflap reference chord, in
$C_e$		elevon reference chord, in
$C_{B_W}$	CBW	wing bending moment coefficient
$C_{h_{eI}}$	CHEI	inboard elevon hinge moment coefficient
$C_{h_{eO}}$	CHEO	outboard elevon hinge moment coefficient
$C_{h_{eT}}$	CHET	total elevon hinge moment coefficient
$C_{h_{BF}}$	CHBF	bodyflap hinge moment coefficient
$C_{T_W}$	CTW	wing torsion moment coefficient
$C_p$	CP	local pressure coefficient
$C_{p_{LE}}$	CPLE	wing leading edge pressure coefficient
$C_{p_{WL}}$	CPWL	wing lower surface pressure coefficient
$C_{p_{WU}}$	CPWU	wing upper surface pressure coefficient
$C_{p_T}$	DCP	total (differential) wing pressure coefficient, (upper - lower)
$d$		distance from $m_2$ to exposed wing root chord, in

NOMENCLATURE (Continued)  
Additions to Standard Listing

$e_m$		distance from $m_3$ to torsion reference center, in
$H_{BF}$		bodyflap hinge moment, in-lb
$H_{eI}$		inboard elevon hinge moment, in-lb
$H_{eO}$		outboard elevon hinge moment, in-lb
$m_i$		wing bending gage moment at station i, in-lb
$N_W$		wing panel normal force, lbs
$P_{WLE}$		wing leading edge pressure, psi
$P_{WL}$		wing lower surface pressure, psi
$P_{WU}$		wing upper surface pressure, psi
$S_{BF}$		bodyflap reference area, ft <sup>2</sup>
$S_e$		elevon reference area, ft <sup>2</sup>
$T_W$		wing panel torsion moment, in-lb
$x/c$	$X/C$	chord wise location, fraction of local chord
$2Y/b, \eta$	$2Y/B$	spanwise location, fraction of wing span
$\delta_{eOL}, \delta_{e1}$	ELV-1 ELV-L0	lefthand outboard elevon deflection angle, deg
$\delta_{eIL}, \delta_{e2}$	ELV-2 ELV-LI	lefthand inboard elevon deflection angle, deg
$\delta_{eIR}, \delta_{e3}$	ELV-3 ELV-RI	righthand inboard elevon deflection angle, deg

NOMENCLATURE (Concluded)  
Additions to Standard Listing

$\delta_{eOR}, \delta_{e4}$	ELV-4 ELV-RO	righthand outboard elevon deflection angle, deg
$\delta_{eI}$	DEI	inboard elevon deflection angle, average of left and right inboard panels, deg
$\delta_{e0}$	DEO	outboard elevon deflection angle, average of left and right outboard panels, deg
$\delta_{BF}$	BFLAP	bodyflap deflection angle, deg

## CONFIGURATIONS INVESTIGATED

The model used for this test period was an 0.015-scale representation of the Rockwell International VL70-000140A/B Space Shuttle Orbiter and Integrated Launch Vehicle. The Orbiter model was of the blended wing-body design with double delta wing planform ( $75^\circ/45^\circ \Lambda_{LE}$ ), full span split elevons with unswept hingeline, centerline vertical tail with rudder/speed-brake capability, fuselage canopy and orbital maneuvering system (OMS pods) mounted on the aft fuselage sidewalls. The elevon panels were segmented into inboard and outboard panels at  $Y_0 = 312.50$ . Each panel was capable of independent deflection. Both of the left hand elevon panels and the body-flap were instrumented with hinge moment beams. The right hand wing panel was instrumented with two wing bending gages and a wing torsion gage.

The right hand wing panel was also instrumented with 42 upper and lower wing surface pressures at two spanwise locations. The inboard station was at  $Y_0 = 204$  ( $\eta = 0.436$ ) and had 25 pressures while the outboard was at 361 ( $\eta = 0.771$ ) and had 17 pressures.

The external tank (ET), solid rocket boosters (SRB), attach hardware, ventlines and simulated fairings were constructed of aluminum and 17-4 steel. No pressures or forces were recorded on these components.

The forward attach fairing or wedge was removable as was the rear attach crossbeam. The forward wedge covered a 33.3-inch diameter strut which attached the Orbiter to the ET. A later strut configuration which was tested was only 11.3 inches in diameter.

## CONFIGURATIONS INVESTIGATED (Continued)

The following letter/number designations were used to describe the Orbiter and integrated launch vehicle configurations:

<u>Symbol</u>	<u>Definition</u>
O <sub>1</sub>	Orbiter, B <sub>26</sub> C <sub>9</sub> M <sub>7</sub> F <sub>7</sub> W <sub>116</sub> E <sub>37</sub> V <sub>8</sub> R <sub>5</sub>
T <sub>12</sub>	External tank (ET)
S <sub>1</sub>	Solid Rocket boosters (SRB), S <sub>12</sub> N <sub>41</sub>
P <sub>2</sub>	SRB fairings, PS <sub>1</sub> , PS <sub>2</sub> and PS <sub>3</sub>
P <sub>8</sub>	ET Components and Fairings - PT <sub>1</sub> , PT <sub>2</sub> , PT <sub>3</sub> , AT <sub>9</sub> , AT <sub>12</sub> , AT <sub>13</sub> , AT <sub>14</sub> , AT <sub>27</sub> , FL <sub>1</sub> , FL <sub>2</sub> , and FR <sub>6</sub>
P <sub>9</sub>	Same as P <sub>8</sub> except the rear attach crossbeam (FR <sub>6</sub> ) is removed
P <sub>10</sub>	Same as P <sub>8</sub> except the forward attach wedge (AT <sub>27</sub> ) fairing is removed exposing the attach strut (AT <sub>15</sub> ) and FR <sub>6</sub> is installed
P <sub>11</sub>	Same as P <sub>9</sub> except the diameter of the forward attach strut (AT <sub>15</sub> ) is reduced to 0.170 inches (model scale)

The following letter/number designations describe the individual configuration components:

<u>Symbol</u>	<u>Definition</u>
AT <sub>9</sub>	Attach structure-rear SRB/ET per Rockwell Lines VL72-000106, Model dwg. SS-A01168
AT <sub>12</sub>	Attach structure-left rear ORB/ET per Rockwell Lines VL78-000050, Model dwg. SS-A01167
AT <sub>13</sub>	Attach structure-right rear ORB/ET per Rockwell Lines VL78-000050, Model dwg. SS-A01167
AT <sub>14</sub>	Attach structure-front SRB/ET per Rockwell Lines VL77-000051A, Model dwg. SS-A01168

# CONFIGURATIONS INVESTIGATED (Continued)

AT <sub>15</sub>	Attach structure-front ORB/ET per Model drawing SS-A01166-4, 33.3 inch diameter
AT <sub>27</sub>	Attach structure-front ORB/ET per Model dwg. SS-A001255, includes AT <sub>15</sub> plus wedge fairing
B <sub>26</sub>	Orbiter fuselage per Rockwell Lines VL70-000140A/B, Model dwg. SS-A00147
C <sub>9</sub>	Orbiter canopy per Rockwell Lines VL70-000140A/B, Model dwg. SS-A00147
E <sub>37</sub>	Orbiter full span, unswept hingeline, Grumman gapped elevons per Rockwell Lines VL70-000200, Model dwg. SS-A01256, SS-A00148
F <sub>7</sub>	Orbiter body flap per Rockwell Lines VL70-000200, Model dwg. SS-A01256, SS-A00147
FL <sub>1</sub>	ET/ORB. LOX feedline per Rockwell Lines VL78-000050, Model dwg. SS-A01167
FL <sub>2</sub>	ET/ORB. LH <sub>2</sub> feedline per Rockwell Lines VL78-000050, Model dwg. SS-A01167
FR <sub>6</sub>	ET/ORB rear attach structure cross member per Rockwell Lines VL78-000062B, Model drawing SS-A01256
M <sub>7</sub>	Orbiter OMS/RCS pods per Rockwell Lines VL70-000145 Model dwg. SS-A00147
N <sub>28</sub>	Orbiter OMS engine nozzles per Rockwell Lines VL70-000145, Model dwg. SS-A00147
N <sub>41</sub>	SRB engine nozzles per Rockwell Lines VL77-000036A, Model dwg. SS-A01168
PS <sub>1</sub>	SRB electrical tunnel fairing per Rockwell Lines VL77-000036A, Model dwg. SS-A01168
PS <sub>2</sub>	SRB attach ring per Rockwell Lines VL77-000036A, Model dwg. SS-A01168
PS <sub>3</sub>	SRB separation rocket fairing per Rockwell Lines VL77-000036A, Model dwg. SS-A01168



# CONFIGURATIONS INVESTIGATED (Concluded)

PT <sub>1</sub>	ET <sub>12</sub> LOX ventline fairing per Rockwell Lines VL78-000031A, Model dwg. SS-A01167
PT <sub>2</sub>	ET <sub>12</sub> LOX feedline per Rockwell Lines VL78-000031A, Model dwg. SS-A01167
PT <sub>3</sub>	ET <sub>12</sub> LH <sub>2</sub> feedline per Rockwell Lines VL78-000031A, Model dwg. SS-A01167
R <sub>5</sub>	Orbiter rudder per Rockwell Lines VL70-000146A, Model dwg. SS-A00115
S <sub>12</sub>	SRB per Rockwell Lines VL77-000036A, Model dwg. SS-A01167
T <sub>12</sub>	ET per Rockwell Lines VL78-000041B, Model dwg. SS-A01167
V <sub>8</sub>	Orbiter centerline vertical tail per Rockwell Lines VL70-000146A, Model dwg. SS-A00148
W <sub>116</sub>	Orbiter double delta wing per Rockwell Lines VL70-000200, Model dwg. SS-A00148

## TEST FACILITY DESCRIPTION

The Rockwell International Trisonic Wind Tunnel is an intermittent blow down facility with a 7' x 7' tandem test section capable of testing force, duct, pressure, and flutter models at Mach numbers from 0.1 to 3.5.

Two synchronous motor-driven centrifugal compressors, operating in series, supply dry air at a rate of 40 lb/sec. to eight storage spheres having a total volume of 214,000 cu. feet. The air is dried to a moisture content of .0001 lb. or less of water per lb. of dry air (approx. -35°F dew-point) and stored at a pressure of ten atmospheres. Flow from the air storage spheres is regulated by a servo controlled valve. The eight foot diameter valve opens within two seconds to control and stabilize the settling chamber at a preselected pressure.

Downstream of the settling chamber is a fixed nozzle which provides a transition from the circular cross-section of the settling chamber to the rectangular cross-section of the variable nozzle. Two seven foot wide steel plates, supported between parallel walls by hydraulic jacks, form the floor and ceiling of the flexible nozzle section. Changes in nozzle contours to produce variations in Mach number are accomplished by means of these jacks and require 30 to 40 minutes to complete.

Two test sections, for supersonic, transonic, and subsonic testing are 7 ft. wide by 7 ft. high and are permanently installed in a tandem arrangement. The standard supersonic test section (for testing at Mach numbers greater than 1.3) is in the downstream end of the flexible nozzle. The test section for subsonic and transonic operation is located downstream

## TEST FACILITY DESCRIPTION (Concluded)

in the porous wall area. An access door to the test area is located in the variable diffuser.

The variable diffuser downstream of the porous wall area may be adjusted to provide subsonic Mach number control, to generate transonic Mach numbers, and to minimize start time for supersonic testing with models having high tunnel blockage.

An equivalent  $5^\circ$  conical expansion angle is provided in a fixed diffuser which completes the basic tunnel circuit. Downstream of the diffuser is a sound abatement muffler building where the air is exhausted to the atmosphere.

## DATA REDUCTION

The elevon panel hinge moments, bodyflap hinge moments and wing bending/torsion moments were measured by individual strain gage beams.

The data reduction procedures are as follows:

- (1) Compute inboard elevon hinge moment coefficient

$$C_{h_{eI}} = \frac{H_{eI}}{qS_e C_e}, \quad \begin{array}{ll} H_{eI} = & \text{inboard hinge moment, in-lbs} \\ q = & \text{tunnel dynamic pressure, psf} \\ S_e = & \text{elevon reference area, ft}^2 \\ C_e = & \text{elevon reference chord, inches} \end{array}$$

- (2) Compute outboard elevon hinge moment coefficient

$$C_{h_{eO}} = \frac{H_{eO}}{qS_e C_e}, \quad H_{eO} = \text{outboard hinge moment, in-lb}$$

- (3) Compute total elevon hinge moment coefficient

$$C_{h_{eT}} = C_{h_{eI}} + C_{h_{eO}}$$

- (4) Compute body flap hinge moment coefficient

$$C_{h_{BF}} = \frac{H_{BF}}{qS_{BF} C_{BF}}, \quad \begin{array}{ll} H_{BF} = & \text{body flap hinge moment, in-lb} \\ S_{BF} = & \text{body flap reference area, ft}^2 \\ C_{BF} = & \text{body flap reference chord, inches} \end{array}$$

- (5) Compute the right wing panel bending moment and coefficient

$$N_W = \frac{(m_1 - m_2)}{a_m}, \text{ lbs} \quad \begin{array}{ll} m_1 = & \text{inboard wing bending gage moment, in-lbs} \\ m_2 = & \text{outboard wing bending gage moment, in-lbs} \end{array}$$

# DATA REDUCTION (Continued)

$$B_W = m_2 + N_W (d), \text{ in-lbs} \quad S_W = \text{wing reference area, ft}^2$$

$$C_{B_W} = \frac{B_W}{q S_W B_{REF}} \quad B_{REF} = \text{wing span, inches}$$

$$a_m = \text{distance from } m_1 \text{ to } m_2 \text{ gage, inches}$$

$$d = \text{distance from } m_2 \text{ to exposed wing root chord, inches}$$

- (6) Compute the right wing panel torsion moment and coefficient

$$T_W = m_3, \text{ in-lbs} \quad m_3 = \text{wing torsion gage moment, in-lbs}$$

$$T_{W1307} = T_W + N_W (e_m) \quad e_m = \text{distance from } m_3 \text{ to torsion reference center } (X_0 = 1307), \text{ inches}$$

$$C_{T_{W1307}} = \frac{T_{W1307}}{q S_W \bar{c}} \quad \bar{c} = \text{wing reference chord, inches}$$

- (7) Compute right wing panel leading edge, upper surface, lower surface and net pressure coefficients for the inboard chord-wise location ( $\eta = 0.436$ )

$$C_{P_{LEi}} = \frac{P_{W_{LEi}} - P_o}{q} \quad i = 1$$

$$C_{P_{WUi}} = \frac{P_{W_{Ui}} - P_o}{q} \quad i = 2 \rightarrow 13$$

$$C_{P_{WLi}} = \frac{P_{W_{Li}} - P_o}{q} \quad i = 14 \rightarrow 25$$

$$C_{P_{Ti}} = C_{P_{WUi}} - C_{P_{WLi}} \quad \text{e.g., } i = (2-14), (3-15), \text{ etc.}$$

- (8) Compute right wing panel leading edge, upper surface, lower surface and net pressure coefficients for the outboard chord-wise location ( $\eta = 0.771$ )

# DATA REDUCTION (Continued)

$$C_{P_{LEi}} = \frac{P_{W_{LEi}} - P_o}{q} \quad i = 26$$

$$C_{P_{WUi}} = \frac{P_{W_{Ui}} - P_o}{q} \quad i = 27 \rightarrow 34$$

$$C_{P_{WLi}} = \frac{P_{W_{Li}} - P_o}{q} \quad i = 35 \rightarrow 42$$

$$C_{P_{Ti}} = C_{P_{WUi}} - C_{P_{WLi}} \quad \text{e.g., } i = (27-35), (28-36), \text{ etc}$$

Angle of attack and angle of yaw were corrected for sting deflection.  
Gage interactions for wing bending and torsion were also applied.

The following reference dimensions and constants were used during this test:

<u>Symbol</u>	<u>Definition</u>	<u>Model Scale</u>	<u>Full Scale</u>
$S_w$	wing reference area, ft <sup>2</sup>	0.6053	2690.00
$B_{REF}$	wing span, in	14.0502	936.68
$\bar{c}$	wing MAC, in	7.1220	474.80
$S_e$	elevon reference area, ft <sup>2</sup>	0.0473	210.00
$C_e$	elevon reference chord, in	1.3605	90.70
$S_{BF}$	body flap reference area, ft <sup>2</sup>	0.0304	135.60
$C_{BF}$	body flap reference chord, in	1.2150	81.00
$L_{REFX}$	Orbiter body length, in	19.355	1290.30

# DATA REDUCTION (Concluded)

$L_{REFY}$	wing semispan, in	7.0251	468.34
Gage Constants			
$a_m$	distance from $m_1$ to $m_2$ , in	0.6737	-
$d$	distance from $m_2$ to exposed wing root chord, in	0.9448	-
$e_m$	distance from $m_3$ to torsion reference point, in	0.7050	-

TABLE I.

[illegible]



TABLE II.

TEST: IA 70 TWT 282			DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 29 MAY 1974					
DATA SET IDENTIFIER	CONFIGURATION	SCHED.		PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS ( OR ALTERNATE INDEPENDENT VARIABLE )									
		$\alpha$	$\beta$	$\delta e_1$	$\delta e_2$	$\delta e_3$	$\delta e_4$		$\delta BF$	0.90		1.12		1.24		1.50		
RF7001	$\phi_1$	A	0	0	0	0	0		0	15				16				
002	$\phi_1 T_1 2 S_1 P_2 P_8$				0	0				19		18		17		58		
003					+4	+4				20		21		22		59		
004					+8	+8				25		24		23		60		
005					+12	+12				26		27		28		61		
006					+4	+12	+12	+4		31		30		29		62		
007					+8	+8				32		33		34		63		
008					+8	+8				35								
009					+4	+4				36		37		38		176		
010					0	0				41		40		39				
011					+8	0	0	+8		42		43		44				
012					+4	+4				47		46		45				
013					+8	+8				48		49		50		177		
014					+12	+12				53		52		51				
015					-4	+12	+12	-4								54		
016					+8	+8										55		
017					+4	+4										56		
018					0	0										57		
1 7 13 19 25 31 37 43 49 55 61 67 75 76																		
CHEQ CHEZ CHET CHBF CEW CTN ..... MACH ALPHA																		
$\alpha$ OR $\beta$		COEFFICIENTS										IDVAR (1)		IDVAR (2)		NDV		
SCHEDULES		* $\alpha(A) = -8$ to $+8$ , $\Delta\alpha = 2^\circ$										$\delta e_1 = LH OUTED$		$\delta e_2 = LH INED$		$\delta e_3 = RH INBD$ $\delta e_4 = RH OUTED$		
		* FORCE DATA IN DATASETS 1 thru 42																

TABLE II. - Continued.

TEST: IA70		TWT 282		DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 29 MAY 1974				
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS ( OR ALTERNATE INDEPENDENT VARIABLE )									
		$\alpha$	$\beta$	$\delta e_1$	$\delta e_2$	$\delta e_3$	$\delta e_4$		$\delta BF$	0.90	1.12	1.24	1.50					
RF7019	$\Phi_1 T_1 S_1 P_2 P_8$	A	0	-8	+8	+8	-8		0							64		
020				-8	+12	+12	-8									65		
021				-4	+8	+8	-4	-								66		
022			+8													67		
023			-4													68		
024			-8													69		
025			+8	0	+12	+12	0							71				
026			+4											164				
027			+4											163				
028			-8											70				
029			-8											162				
030			+8	+4			+4			75	72							
031			-8							74	73							
032			+8		+4	+4								170				
033			-8		+4	+4								171				
034			+8	+8	+8	+8	+8							173				
035			-8	+8	+8	+8	+8							172				
036			+8	0	0	0	0							166				
1 7 13 19 25 31 37 43 49 55 61 67 75 76																		
CHE0, CHE1, CHET, CHBF, GBW, CTN, MACH, ALPHA																		
$\alpha$ OR $\beta$		COEFFICIENTS										IDVAR (1)		IDVAR (2)		NDV		
SCHEDULES		$\alpha(A) = -8 \text{ to } +8, \Delta\alpha = 2^\circ$										$\delta e_1 = LH \text{ OUTBD}$		$\delta e_2 = LH \text{ INBD}$				
												$\delta e_3 = RH \text{ INBD}$		$\delta e_4 = RH \text{ OUTBD}$				

TABLE II. - Continued.

TEST: 1A70 TWT 282			DATA SET/RUN NUMBER COLLATION SUMMARY										DATE: 29 MAY 1974				
DATA SET IDENTIFIER	CONFIGURATION	SCHD.		PARAMETERS/VALUES				NO. OF RUNS	MACH NUMBERS ( OR ALTERNATE INDEPENDENT VARIABLE )								
		$\alpha$	$\beta$	$\delta e_1$	$\delta e_2$	$\delta e_3$	$\delta e_4$		$\delta BF$	0.90	1.12	1.24	1.50				
RF7037	$\Phi_1 T_{12} S_1 P_2 P_8$	A	-8	0	0	0	0		0				165				
038	P <sub>9</sub>		0										167				
039	P <sub>10</sub>												169				
040	P <sub>11</sub>												174				
041	P <sub>11</sub>		+8								175						
042	$\Phi_1 T_{12} S_1 P_2 P_8$		0					+10					168				
043			+8					0	137	145	76	117					
044			+4						136	144	79	116					
045			0						138	143	78	115					
046			-4						139	142	80	114					
047			-8						140	141	77	113					
048			+8	+4	+4	+4	+4		94	101	132	108					
049			+4						135	100	131	109					
050			0						95	99	130	110					
051			-4						134	98	129	111					
052			-8						96	97	133	112					
053			+8	+8	+8	+8	+8		150	159	149	102					
054			+4	+8	+8	+8	+8		151	158	125	124					
1 7 13 19 25 31 37 43 49 55 61 67 75 76																	
CHEO CHEI CHET CHBF CBW CTW MACH ALPHA																	
$\alpha$ OR $\beta$		COEFFICIENTS										IDVAR (1) IDVAR (2) NDV					
SCHEDULES		$\alpha(A) = -8$ to $+8$ ; $\Delta\alpha = 2^\circ$										$\delta e_1 = LH OUTBD$ $\delta e_2 = LH INBD$					
												$\delta e_3 = RH INBD$ $\delta e_4 = RH OUTBD$					

TABLE II. - Concluded.

[illegible]

TABLE III. - MODEL DIMENSIONAL DATA

MODEL COMPONENT: Attach Structure AT9GENERAL DESCRIPTION: Aft SRB/ET attach structure (3 member structure)

Model Scale: 0.015

DRAWING NO: VL72-000106

DIMENSIONS:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X <sub>B</sub>	<u>1515</u>	<u>22.725</u>
		Y <sub>B</sub>	<u>± 56</u>	<u>± .840</u>
		Z <sub>B</sub>	<u>50</u>	<u>.750</u>
		X <sub>T</sub>	<u>2058</u>	<u>30.870</u>
		Y <sub>T</sub>	<u>± 158</u>	<u>2.370</u>
		Z <sub>T</sub>	<u>450</u>	<u>6.75</u>
	#2	X <sub>B</sub>	<u>1515</u>	<u>22.725</u>
		Y <sub>B</sub>	<u>± 76</u>	<u>± 1.140</u>
		Z <sub>B</sub>	<u>18</u>	<u>.270</u>
		X <sub>T</sub>	<u>2058</u>	<u>30.870</u>
		Y <sub>T</sub>	<u>160</u>	<u>2.400</u>
		Z <sub>T</sub>	<u>445</u>	<u>6.675</u>
	#3	X <sub>B</sub>	<u>1515</u>	<u>22.725</u>
		Y <sub>B</sub>	<u>± 56</u>	<u>± .840</u>
		Z <sub>B</sub>	<u>- 50</u>	<u>- .750</u>
		X <sub>T</sub>	<u>2058</u>	<u>30.870</u>
		Y <sub>T</sub>	<u>+ 158</u>	<u>± 2.370</u>
		Z <sub>T</sub>	<u>350</u>	<u>5.250</u>

Diameter of Members: TBD

TABLE III. - Continued.

MODEL COMPONENT: Attach Structure AT<sub>12</sub>GENERAL DESCRIPTION: Left rear orbiter/ET attach structure (2 member structure)

Model Scale: 0.015

DRAWING NO. VL78-000050

DIMENSION:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X <sub>O</sub>	<u>1303</u>	<u>19.545</u>
		Y <sub>O</sub>	<u>-96</u>	<u>-1.440</u>
		Z <sub>O</sub>	<u>258</u>	<u>3.870</u>
		X <sub>T</sub>	<u>1859</u>	<u>27.885</u>
		Y <sub>T</sub>	<u>115</u>	<u>1.725</u>
		Z <sub>T</sub>	<u>510</u>	<u>7.650</u>
	#2	X <sub>O</sub>	<u>1317</u>	<u>19.755</u>
		Y <sub>O</sub>	<u>-96</u>	<u>-1.440</u>
		Z <sub>O</sub>	<u>258</u>	<u>3.870</u>
		X <sub>T</sub>	<u>2058</u>	<u>30.870</u>
		Y <sub>T</sub>	<u>115</u>	<u>1.725</u>
		Z <sub>T</sub>	<u>510</u>	<u>7.650</u>

Diameter of Members: TBD

TABLE III. - Continued.

MODEL COMPONENT: Attach Structure AT<sub>13</sub>GENERAL DESCRIPTION: Right rear orbiter/ET attach structure (3 member structure)

Model Scale: 0.015

MODEL NO. VL78-000050

DIMENSION:	MEMBER		FULL SCALE	MODEL SCALE
	#1	X <sub>O</sub>	<u>1313</u>	<u>19.695</u>
		Y <sub>O</sub>	<u>+96</u>	<u>1.44</u>
		Z <sub>O</sub>	<u>258</u>	<u>3.870</u>
		X <sub>T</sub>	<u>1859</u>	<u>27.885</u>
		Y <sub>T</sub>	<u>-115</u>	<u>-1.725</u>
		Z <sub>T</sub>	<u>-510</u>	<u>7.650</u>
	#2	X <sub>O</sub>	<u>1317</u>	<u>19.755</u>
		Y <sub>O</sub>	<u>+96</u>	<u>1.440</u>
		Z <sub>O</sub>	<u>258</u>	<u>3.870</u>
		X <sub>T</sub>	<u>2058</u>	<u>30.870</u>
		Y <sub>T</sub>	<u>-115</u>	<u>-1.725</u>
		Z <sub>T</sub>	<u>510</u>	<u>7.650</u>
	#3	X <sub>O</sub>	<u>1317</u>	<u>19.755</u>
		Y <sub>O</sub>	<u>96</u>	<u>1.440</u>
		Z <sub>O</sub>	<u>258</u>	<u>3.870</u>
		X <sub>T</sub>	<u>2058</u>	<u>30.870</u>
		Y <sub>T</sub>	<u>0</u>	<u>0</u>
		Z <sub>T</sub>	<u>566</u>	<u>8.490</u>

Diameter of Members: TBD

TABLE III. - Continued.

MODEL COMPONENT: Attach Structure AT<sub>4</sub>GENERAL DESCRIPTION: Forward SRB/ET attach structure

Model Scale: 0.015

DRAWING NO: VL77-000051A

DIMENSION:	FULL SCALE	MODEL SCALE
X <sub>B</sub>	<u>404</u>	<u>6.060</u>
Y <sub>B</sub>	<u>± 177</u>	<u>2.655</u>
Z <sub>B</sub>	<u>0</u>	<u>0</u>
X <sub>T</sub>	<u>947</u>	<u>14.205</u>
Y <sub>T</sub>	<u>± 167</u>	<u>2.505</u>
Z <sub>T</sub>	<u>400</u>	<u>6.000</u>



TABLE III - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT<sub>15</sub>.

GENERAL DESCRIPTION: Forward attach structure between the orbiter and external tank. Modified to accept Rockwell International Trisonic Wind Tunnel starting loads.

MODEL SCALE: 0.015

MODEL DRAWING NO.: SS-A01166-4

DIMENSIONS:		<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Strut centerline:	X <sub>O</sub>	<u>391.00</u>	<u>5.865</u>
	Y <sub>O</sub>	<u>0.0</u>	<u>0.0</u>
	X <sub>T</sub>	<u>998.87</u>	<u>14.980</u>
	Y <sub>T</sub>	<u>0.0</u>	<u>0.0</u>
Strut diameter, In.		<u>33.33</u>	<u>0.500</u>

TABLE III. - Continued.

MODEL COMPONENT: ATTACH STRUCTURE - AT<sub>27</sub>

GENERAL DESCRIPTION: Forward attach structure between the orbiter and external tank. Same as AT<sub>15</sub> except for addition of a wedge fairing fore and aft of the strut.

MODEL SCALE: 0.015

DRAWING NO.: SS-A01255

DIMENSIONS:		<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Wedge Leading Edge:	X <sub>O</sub>	<u>291.00</u>	<u>4.365</u>
	Y <sub>O</sub>	<u>0.0</u>	<u>0.0</u>
	X <sub>T</sub>	<u>1032.00</u>	<u>15.480</u>
	Y <sub>T</sub>	<u>0.00</u>	<u>0.00</u>
Length of Fairing, In.		<u>200.00</u>	<u>3.000</u>
Maximum width, In.		<u>37.53</u>	<u>0.563</u>
Leading Edge Radius, In.		<u>4.00</u>	<u>0.060</u>

\*REVISED 4/24/74

TABLE III. - Continued.

MODEL COMPONENT BODY - B<sub>26</sub>

GENERAL DESCRIPTION Configuration 140A/B Orbiter Fuselage

NOTE: B<sub>26</sub> is identical to B<sub>24</sub> except underside of fuselage has been  
refaired to accept W<sub>116</sub>

MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12

DRAWING NUMBER VL70-000143B, -000200, 000205, -006089, -000145,  
-000140A, 000140B

DIMENSIONS	FULL SCALE	MODEL SCALE
*Length (OML: Fwd Sta. X <sub>0</sub> =235)-In.	<u>1293.3</u>	<u>19.400</u>
*Length (IML: Fwd Sta. X <sub>0</sub> =238)-In.	<u>1290.3</u>	<u>19.350</u>
* Max Width (@ X = 1528.3) - In.	<u>264.0</u>	<u>3.960</u>
Max Depth (@ X <sub>0</sub> = 1464) - In.	<u>250.0</u>	<u>3.750</u>
Fineness Ratio	<u>          </u>	<u>          </u>
Area - Ft <sup>2</sup>	<u>          </u>	<u>          </u>
Max. Cross-Sectional	<u>340.88</u>	<u>0.077</u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>

TABLE III. - Continued.

MODEL COMPONENT : Canopy (C<sub>9</sub>)GENERAL DESCRIPTION : Configuration 140 A/B Orbiter FuselageModel Scale = 0.015Model Drawing No. SS-A00147DRAWING NUMBER : VL70-000140A  
VL70-000143A

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length ( $X_0=434.643$ to $578$ ), in.	<u>143.357</u>	<u>2.150</u>
Max Width (@ $X_0=513.127$ ), in.	<u>152.412</u>	<u>2.286</u>
Max Depth (@ $X_0=485.0$ ), in.	<u>25.000</u>	<u>0.375</u>
Fineness Ratio	<u>                    </u>	<u>                    </u>
Area	<u>                    </u>	<u>                    </u>
Max. Cross-Sectional	<u>                    </u>	<u>                    </u>
Planform	<u>                    </u>	<u>                    </u>
Wetted	<u>                    </u>	<u>                    </u>
Base	<u>                    </u>	<u>                    </u>

TABLE III. - Continued.

MODEL COMPONENT: ALTERNATE SLOTTED ELEVON - E<sub>37</sub>GENERAL DESCRIPTION: Configuration 140A/B Orbiter Elevon.E<sub>37</sub> is a slotted version of E<sub>26</sub>. Data is for one side.MODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12DRAWING NUMBER: VL70-000200, -006089, -006092 and  
Fig. 4A of SAS/AERO/76-643

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area - Ft <sup>2</sup>	<u>210.00</u>	<u>0.0473</u>
Span (equivalent) - In.	<u>349.20</u>	<u>5.238</u>
Inb'd equivalent chord In.	<u>118.00</u>	<u>1.770</u>
Outb'd equivalent chord	<u>55.19</u>	<u>0.828</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.2096</u>	<u>0.2096</u>
At Outb'd equiv. chord	<u>0.4004</u>	<u>0.4004</u>
Sweep Back Angles, degrees		
Leading Edge	<u>0.00</u>	<u>0.00</u>
Trailing Edge	<u>10.056</u>	<u>10.056</u>
Hingeline	<u>0.00</u>	<u>0.00</u>
Area Moment (Normal to hinge line) Ft <sup>3</sup>	<u>1587.25</u>	<u>0.00536</u>

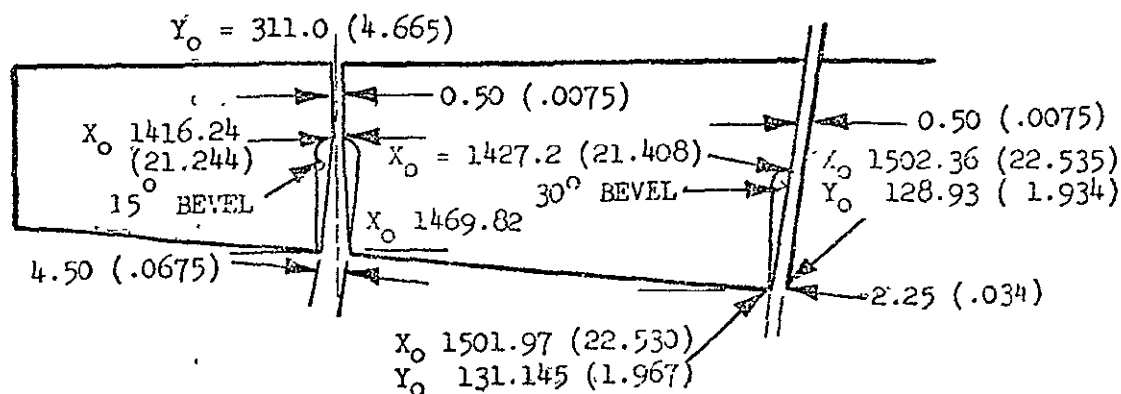


TABLE III. - Continued.

MODEL COMPONENT BODY FLAP - FGENERAL DESCRIPTION Configuration 140A/B Orbiter Body FlapMODEL SCALE: 0.015 MODEL DRAWING: SS-A00147, RELEASE 12DRAWING NUMBER VL70-000140A, VL70-000145, VL70-000200

DIMENSIONS	FULL SCALE	MODEL SCALE
Length ( $X_0=1520$ to $X_0=1613$ ) - In.	<u>93.000*</u>	<u>1.395</u>
Max Width - In.	<u>262.000</u>	<u>3.930</u>
Max Depth ( $X_0 = 1520$ ) - In.	<u>23.000</u>	<u>0.345</u>
Fineness Ratio	<u>          </u>	<u>          </u>
Area - Ft <sup>2</sup>	<u>          </u>	<u>          </u>
Max. Cross-Sectional	<u>          </u>	<u>          </u>
Planform	<u>142.6</u>	<u>0.0321</u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>41.847</u>	<u>0.6094</u>

\*Model dim. measured from Model Sta. 15.20

TABLE III. - Continued.

MODEL COMPONENT: FEEDLINE - FL<sub>1</sub>

GENERAL DESCRIPTION: LOX feedline between ET and Orbiter.

MODEL SCALE: 0.015

DRAWING NO.: VL78-000050

DIMENSIONS:		<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Centerline at:	X <sub>T</sub>	<u>2063.5</u>	<u>30.953</u>
	Y <sub>T</sub>	<u>+ 70.0</u>	<u>+ 1.050</u>
	X <sub>O</sub>	<u>1440.6</u>	<u>21.609</u>
	Y <sub>O</sub>	<u>70.0</u>	<u>1.050</u>
Diameter		<u>18.5</u>	<u>0.278</u>

TABLE III. - Continued.

MODEL COMPONENT: FEEDLINE - FL<sub>2</sub>

GENERAL DESCRIPTION: LH<sub>2</sub> feedline between ET and Orbiter.

MODEL SCALE: 0.015

DRAWING NO.: VL78-000050

DIMENSIONS:		<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Centerline at:	X <sub>T</sub>	<u>2063.5</u>	<u>30.953</u>
	Y <sub>T</sub>	<u>- 70.00</u>	<u>- 1.050</u>
	X <sub>O</sub>	<u>1330.5</u>	<u>19.958</u>
	Y <sub>O</sub>	<u>- 70.00</u>	<u>-1.050</u>
Diameter		<u>18.5</u>	<u>0.278</u>



TABLE III. - Continued.

MODEL COMPONENT: REAR ATTACH STRUCTURE FAIRING - FR<sub>6</sub>

GENERAL DESCRIPTION: Rear ET/Orbiter attach structure cross-member or beam fairing used in conjunction with AT<sub>12</sub>, AT<sub>13</sub>, FL<sub>1</sub> and FL<sub>2</sub>. Includes diagonal strut.

MODEL SCALE: 0.015

DRAWING NO: VL78-000062B, SS-A01256

DIMENSIONS:		<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Leading Edge centerline at:	X <sub>T</sub>	<u>2036.67</u>	<u>30.550</u>
	Y <sub>T</sub>	<u>0.00</u>	<u>0.00</u>
	Z <sub>T</sub>	<u>183.00</u>	<u>2.745</u>
Maximum length, In.		<u>64.00</u>	<u>0.960</u>
Maximum width, In.		<u>190.00</u>	<u>2.850</u>

TABLE III. - Continued.

MODEL COMPONENT . OMS Pod (M7)

GENERAL DESCRIPTION : Configuration 140 A/B Orbiter OMS-Pod

Model Scale = 0.015 Model Drawing No. SS-A00147

DRAWING NUMBER : VL70-000140A  
VL70-000145

DIMENSIONS :	FULL SCALE	MODEL SCALE
Length (OMS Fwd Sta $X_0=1233.0$ ) - IN.	<u>327.000</u>	<u>4.905</u>
Max Width (@ $X_0=1450.0$ ) - IN.	<u>94.5</u>	<u>1.418</u>
Max Depth (@ $X_0=1493.0$ ) - IN.	<u>109.000</u>	<u>1.635</u>
Fineness Ratio	<u>                    </u>	<u>                    </u>
Area	<u>                    </u>	<u>                    </u>
Max. Cross-Sectional	<u>                    </u>	<u>                    </u>
Planform	<u>                    </u>	<u>                    </u>
Wetted	<u>                    </u>	<u>                    </u>
Base	<u>                    </u>	<u>                    </u>

TABLE III. - Continued.

MODEL COMPONENT: NOZZLES - (N 28)GENERAL DESCRIPTION: Configuration 140 A/B Orbiter OMS NozzleMODEL SCALE = 0.015Model Drawing No. SS-A00147DRAWING NO. VL70-000140A, VL70-000145DIMENSIONSFULL SCALEMODEL SCALE

Mach. No. \_\_\_\_\_

Length ~ in.

Gimbal Point to Exit Plane

Throat to Exit Plane

Diameter ~ in.

Exit

Throat

Inlet

Area ~ ft<sup>2</sup>.

Exit

Throat

Gimbal Point (station) ~ in.

X

1518.0022.77

Y

± 88.01.32

Z

492.07.38

Null Position ~ deg.

Pitch

15° 49'15° 49'

Yaw

12° 17'12° 17'

TABLE III. - Continued.

MODEL COMPONENT: NOZZLES - N4JGENERAL DESCRIPTION: Configuration 4 BSRM Nozzles

MODEL SCALE = 0.015

DRAWING NO. VL72-000088EVL77-000036A

<u>DIMENSIONS</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Mach No. _____		
Length ~ in.		
Gimbal Point to Exit Plane	<u>141.3</u>	<u>2.120</u>
Throat to Exit Plane	<u>          </u>	<u>          </u>
Diameter ~ in.		
Exit	<u>141.3</u>	<u>2.120</u>
Throat	<u>          </u>	<u>          </u>
Inlet	<u>          </u>	<u>          </u>
Area ~ ft <sup>2</sup> .		
Exit	<u>108.89 95</u>	<u>0.0245</u>
Throat	<u>          </u>	<u>          </u>
Gimbal Point (station) ~ in.		
X	<u>1796.15</u>	<u>26.942</u>
Y	<u>+243.0</u>	<u>+3.645</u>
Z	<u>400.0</u>	<u>6.0</u>
Null Position ~ deg.		
Pitch	<u>0°</u>	<u>0°</u>
Yaw	<u>0°</u>	<u>0°</u>
FS of Nozzle Exit Plane (X <sub>T</sub> ) IN.	<u>2484</u>	<u>37.260</u>

TABLE III. - Continued.

MODEL COMPONENT: SRB Protuberance PS<sub>1</sub>DESCRIPTION: Electrical tunnel fairing on top of each SRBMODEL SCALE: 0.015DRAWING NO: VL77-000036A

DIMENSION: (Data for 1 of 2)

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Leading edge at $X_B$	<u>467</u>	<u>7.001</u>
$\bar{C}$ of tunnel $Y_B$	<u>0</u>	<u>0</u>
Trailing edge at $X_B$	<u>1820</u>	<u>27.30</u>
Height, in.	<u>3</u>	<u>.045</u>
Width, in.	<u>6</u>	<u>.090</u>
$\angle_{DE}$ , deg.	<u>72</u>	<u>72</u>

TABLE III. - Continued.

MODEL COMPONENT: SRB Protuberance PS<sub>2</sub>DESCRIPTION: SRB/ET attach ringMODEL SCALE: 0.015DRAWING NO.: VL77-000036A

DIMENSIONS: (Data for 1 of 2)

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
E at $X_B$	<u>1515</u>	<u>22.725</u>
Width, $\eta$ .	<u>10</u>	<u>.15</u>
Height, $\eta$ .	<u>10</u>	<u>.15</u>

TABLE III. - Continued.

MODEL COMPONENT: SRB Protuberance PS<sub>3</sub>

DESCRIPTION: Separation rocket fairing on each SRB nozzle shroud located  
30° inboard from top centerline.

MODEL SCALE: 0.015

DRAWING NO.: VL77-000036A

DIMENSIONS: (Data for 1 of 2)

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Leading edge at X <sub>B</sub>	<u>1796</u>	<u>26.940</u>
Trailing edge at X <sub>B</sub>	<u>1889</u>	<u>28.335</u>

Radial location is 30° inboard from top centerline.

TABLE III. - Continued.

MODEL COMPONENT: ET Protuberance PT<sub>1</sub>DESCRIPTION: LOX Vent Line Fairing on Tank T<sub>12</sub> NoseMODEL SCALE: .015DRAWING NO. VL78-000031A

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
DIMENSIONS: Leading edge at X <sub>T</sub>	<u>321</u>	<u>4.815</u>
Y <sub>T</sub>	<u>0</u>	<u>0</u>
Trailing edge at X <sub>T</sub>	<u>947</u>	<u>14.205</u>
Y <sub>T</sub>	<u>-70</u>	<u>1.053</u>



TABLE III. - Continued.

MODEL COMPONENT: ET Protuberance PT<sub>2</sub>DESCRIPTION: LOX feed lines on vehicle 4 tank secured to tank by brackets  
with 50-inch spacingMODEL SCALE: 0.015DRAWING NO. VL78-000031A

	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
DIMENSIONS: Leading edge at $X_T$	<u>947</u>	<u>14.205</u>
$Y_T$	<u>-70</u>	<u>-1.053</u>
Trailing edge at $X_T$	<u>1330</u>	<u>19.950</u>
$Y_T$	<u>-70</u>	<u>-1.053</u>
Bracket spacing from $X_T = 997$ , in.	<u>50</u>	<u>.75</u>

TABLE III. - Continued.

MODEL COMPONENT: ET Protuberance PT3

DESCRIPTION: LH<sub>2</sub> feed line on vehicle 4 tank secured to tank by brackets  
with 50-inch spacing.

MODEL SCALE: 0.015

DRAWING NO. VL78-000031A

		<u>FULL SCALE</u>	<u>MODEL SCALE</u>
DIMENSIONS:	Leading edge at $X_T$	<u>947</u>	<u>14.205</u>
	$Y_m$	<u>70</u>	<u>1.053</u>
	:		
	Trailing edge at $X_T$	<u>1330</u>	<u>19.950</u>
	$Y_T$	<u>70</u>	<u>1.053</u>
Bracket spacing from $X_T = 997$ in.		<u>50</u>	<u>.75</u>

TABLE III. - Continued.

MODEL COMPONENT: RUDDER - R5GENERAL DESCRIPTION: Configuration 140A/B Orbiter Rudder

Model Scale = 0.015

Model Drawing No. SS-A00148

DRAWING NUMBER: VL70-000146A  
VL70-000095

<u>DIMENSIONS:</u>	<u>FULL-SCALE</u>	<u>MODEL SCALE</u>
Area, $\text{ft}^2$	<u>100.15</u>	<u>0.0225</u>
Span (equivalent), in	<u>201.0</u>	<u>3.015</u>
Inb'd equivalent chord, in	<u>91.585</u>	<u>1.374</u>
Outb'd equivalent chord, in	<u>50.833</u>	<u>0.762</u>
Ratio movable surface chord/ total surface chord		
At Inb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
At Outb'd equiv. chord	<u>0.400</u>	<u>0.400</u>
Sweep Back Angles, degrees		
Leading Edge	<u>34.83</u>	<u>34.83</u>
Tailing Edge	<u>26.25</u>	<u>26.25</u>
Hingeline	<u>34.83</u>	<u>34.83</u>
Area Moment (Normal to hinge line), $\text{ft}^3$ (Product of Area and Mean Chord)	<u>610.92</u>	<u>0.00206</u>
* Mean Aerodynamic Chord, in	73.2	1.098

TABLE III. - Continued.

MODEL COMPONENT: BOOSTER SOLID ROCKET MOTOR - (512)GENERAL DESCRIPTION: Configuration 3A, Data for (1) of (2) sides,  
per Rockwell Lines VL77-000036AModel Scale = 0.015DRAWING NUMBER VL72-000088D  
VL77-000036A

<u>DIMENSION:</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length (Includes Nozzle) - IN.	<u>1741.0</u>	<u>26.115</u>
Max Width (Tank Dia) - IN.	<u>142.3</u>	<u>2.135</u>
Max Depth (Aft Shroud) - IN.	<u>192.0</u>	<u>2.880</u>
Fineness Ratio	<u>9.06771</u>	<u>9.06771</u>
Area - FT <sup>2</sup>		
Max Cross-Sectional	<u>201.06193</u>	<u>0.0452</u>
Planform	<u>                    </u>	<u>                    </u>
Wetted	<u>                    </u>	<u>                    </u>
Base	<u>                    </u>	<u>                    </u>
WP of BSRM Centerline (Z <sub>T</sub> ) - IN.	<u>400</u>	<u>6.000</u>
FS of BSRM Nose (X <sub>T</sub> ) - IN.	<u>743</u>	<u>11.145</u>

MODEL COMPONENT: EXTERNAL TANK - (T12)GENERAL DESCRIPTION: External Oxygen Hydrogen TankNOTE: Identical to T11 with external fuel lines addedModel Scale - 0.015DRAWING NUMBER VL78-00003La  
VL78-000041A/B

<u>DIMENSION:</u>	<u>FULL SCALE</u>	<u>MODEL SCALE</u>
Length - IN. (Nose @ $X_T = 309$ )	<u>1865</u>	<u>27.975</u>
Max Width (Dia) - IN.	<u>324</u>	<u>4.86</u>
Max Depth, IN.	<u>          </u>	<u>          </u>
Fineness Ratio	<u>5.75617</u>	<u>5.75617</u>
Area - FT <sup>2</sup>	<u>          </u>	<u>          </u>
Max Cross-Sectional	<u>572.555</u>	<u>0.1288</u>
Planform	<u>          </u>	<u>          </u>
Wetted	<u>          </u>	<u>          </u>
Base	<u>          </u>	<u>          </u>
WP of Tank Centerline ( $Z_T$ ) - IN.	<u>400.0</u>	<u>6.000</u>

TABLE III. - Continued.

MODEL COMPONENT: VERTICAL - V 8.GENERAL DESCRIPTION: Configuration 140 A/B Orbiter Vertical TailNOIT: Similar to V5 with radius on TE upper corner and LE lower cornerwhere vertical meets fuselage,

Model Scale = 0.015

Model Drawing No. SS-A00148

DRAWING NUMBER:

VL70-000140A

VL70-000146A

DIMENSIONS:FULL-SCALEMODEL SCALETOTAL DATA

Area (Theo) Ft <sup>2</sup>	413.253	0.09298
Planform		
Span (Theo) In	315.720	4.73580
Aspect Ratio	1.675	1.675
Rate of Taper	0.507	0.507
Taper Ratio	0.40399	0.40399
Sweep Back Angles, degrees		
Leading Edge	45.00	45.00
Trailing Edge	26.20	26.20
0.25 Element Line	41.130	41.130
Chords:		
Root (Theo) WP	268.500	4.02750
Tip (Theo) WP	108.470	1.62705
MAC	199.80756	2.99711
Fus. Sta. of .25 MAC	1463.50	21.95250
W. P. of .25 MAC	635.522	9.53283
B. L. of .25 MAC	0.00	0.00
Airfoil Section		
Leading Wedge Angle Deg	10.00	10.00
Trailing Wedge Angle Deg	14.920	14.920
Leading Edge Radius	2.00	0.0300
Void Area	13.17	0.00296
Blanketed Area	0.00	0.00

TABLE III. - Concluded.

MODEL COMPONENT: Wing, W116GENERAL DESCRIPTION: Configuration 140A/B Orbiter Double Delta Wing.

Model Scale = .015

DRAWING NUMBER: VL70-000140B  
VL70-000200

DIMENSIONS: FULL-SCALE MODEL SCALE

TOTAL DATA

Area, ft <sup>2</sup> (Theoretical)		
Planform	2690.00	0.6053
Wetted		
Span (equivalent), in	936.682	14.050
Aspect Ratio	2.265	2.265
Rate of Taper	1.177	1.177
Taper Ratio	0.200	0.200
Diehedral Angle, degrees	3.500	3.500
Incidence Angle, degrees	0.500	0.500
Aerodynamic Twist, degrees	3.000	3.000
Toe-In Angle	0.0	0.0
Cant Angle	0.0	0.0
Sweep Back Angles, degrees		
Leading Edge	45.000	45.000
Trailing Edge	-10.056	-10.056
0.25 Element Line	35.209	35.209
Chords: //		
Root (Wing Sta. 0.0)	689.243	10.339
Tip, (equivalent)	137.849	2.068
MAC	474.812	7.122
Fus. Sta. of .25 MAC	1136.830	17.052
W.P. of .25 MAC	290.580	4.359
B.L. of .25 MAC	182.130	2.732
Airfoil Section		
Root	Mod. NASA	XXXX-64
Tip		

EXPOSED DATA

Area, ft <sup>2</sup> (Theo.)	1751.500	0.3941
Span, (equivalent), in (Theo.)	720.680	10.081
Aspect Ratio	2.059	2.059
Taper Ratio	0.245	0.245
Chords, in.		
Root B.P. 108	562.090	8.431
Tip	137.851	2.068
MAC	392.830	5.892
Fus. Sta. of .25 MAC	1185.980	17.790
W.P. of .25 MAC	294.300	4.415
B.L. of .25 MAC	251.770	3.777

Cuff Data for 1 of 2 sides, Area, ft <sup>2</sup>	113.18	1.698
L.E. intersects fus. ML @ Sta.	500.00	7.500
" " wing @ Sta.	1024.00	15.360

TABLE IV. - PRESSURE INSTRUMENTATION

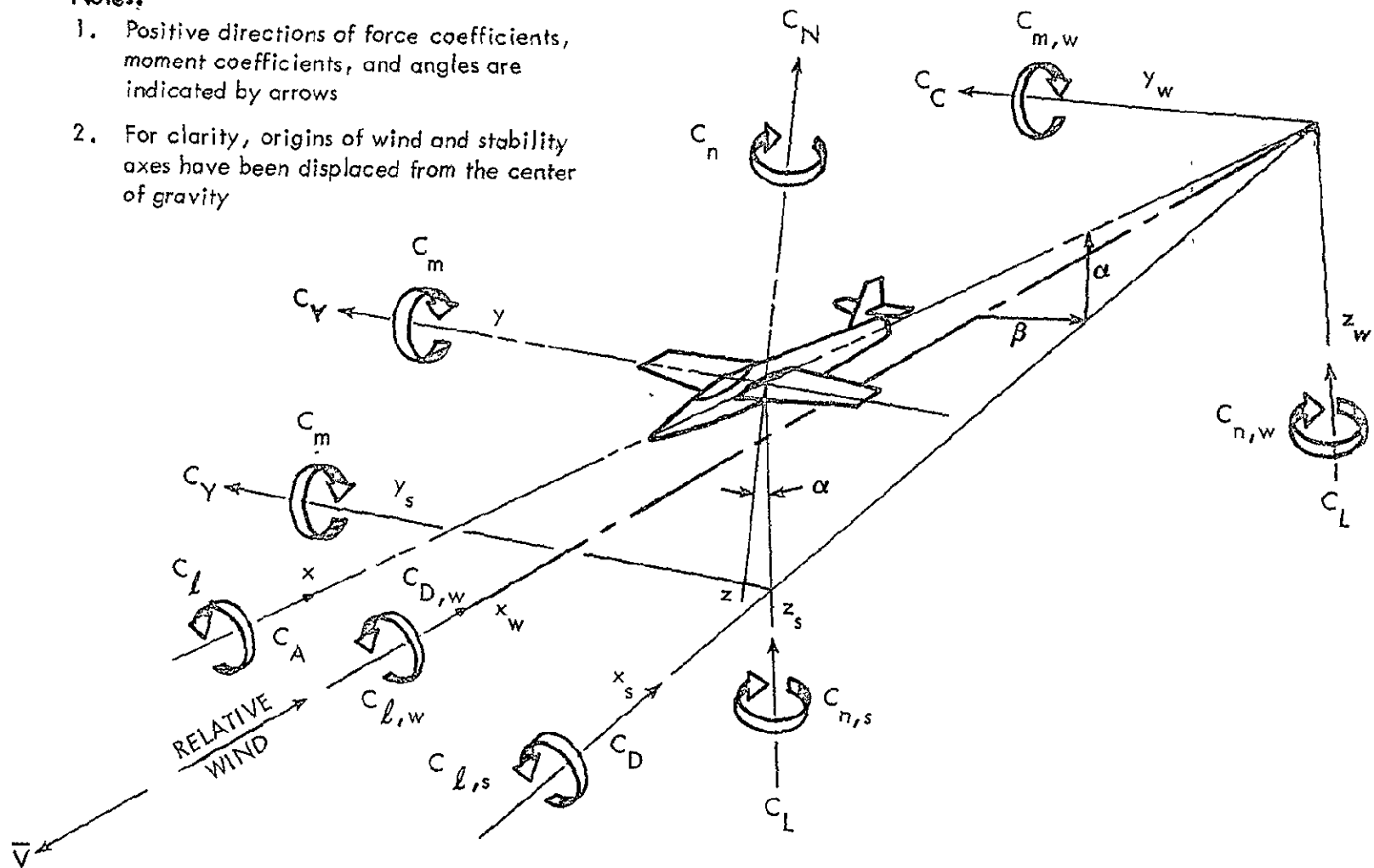
Inboard Station $Y_o = 204.00$ $c = 449.06$ in			Outboard Station $Y_o = 361.00$ $c = 264.22$ in		
Tap No.	X/C	Surface	Tap No.	X/C	Surface
1	0	LE	26	0	LE
2	0.030	upper	27	0.02	upper
3	0.048	upper	28	0.05	upper
4	0.085	upper	29	0.15	upper
5	0.177	upper	30	0.25	upper
6	0.274	upper	31	0.65	upper
7	0.402	upper	32	0.75	upper
8	0.565	upper	33	0.85	upper
9	0.760	upper	34	0.95	upper
10	0.808	upper	35	0.02	lower
11	0.857	upper	36	0.05	lower
12	0.905	upper	37	0.15	lower
13	0.953	upper	38	0.25	lower
14	0.030	lower	39	0.65	lower
15	0.048	lower	40	0.75	lower
16	0.085	lower	41	0.85	lower
17	0.177	lower	42	0.95	lower
18	0.274	lower			
19	0.402	lower			
20	0.565	lower			
21	0.760	lower			
22	0.808	lower			
23	0.857	lower			
24	0.905	lower			
25	0.953	lower			

For Right Hand Wing Panel



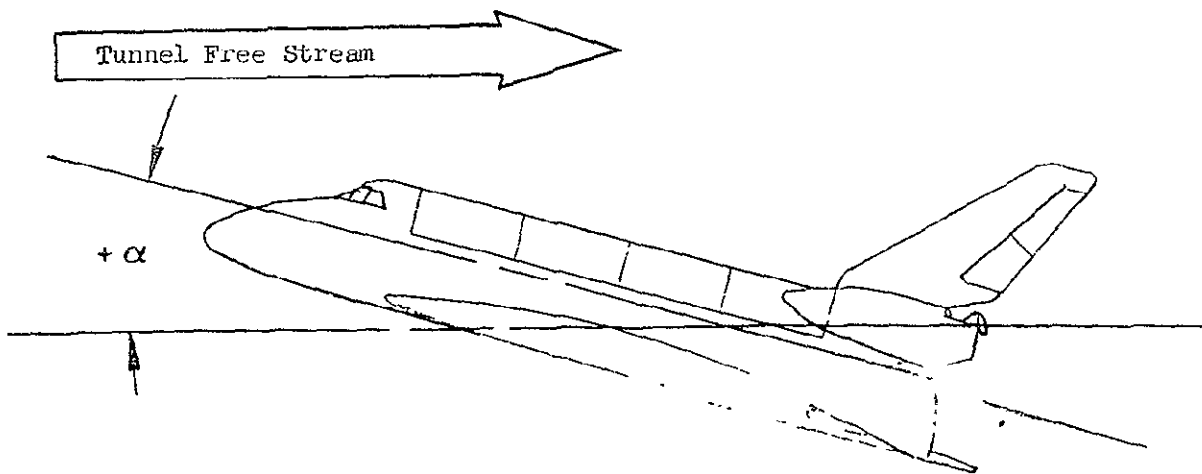
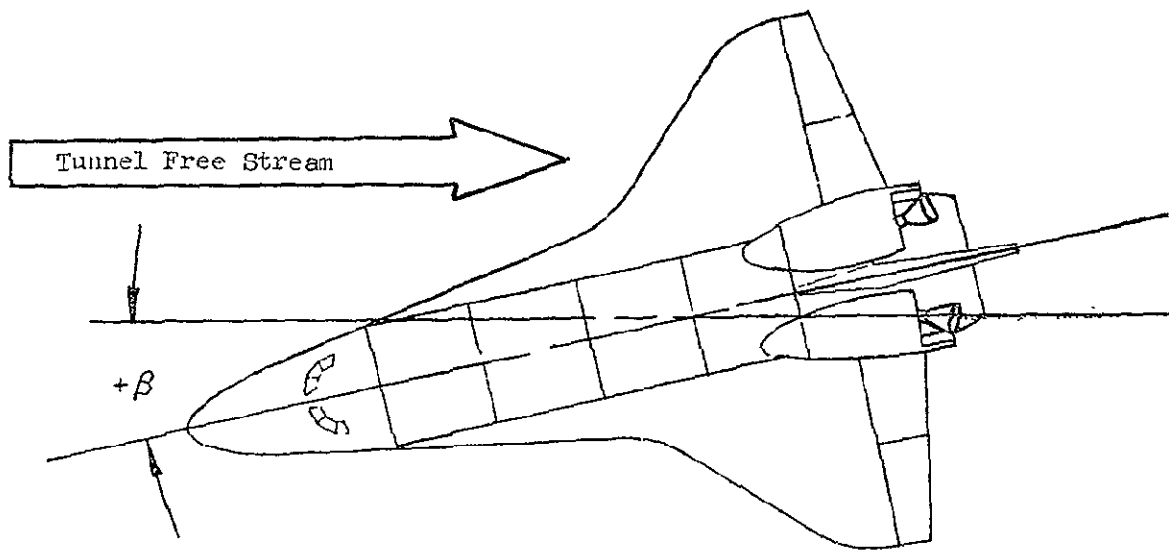
**Notes:**

1. Positive directions of force coefficients, moment coefficients, and angles are indicated by arrows
2. For clarity, origins of wind and stability axes have been displaced from the center of gravity



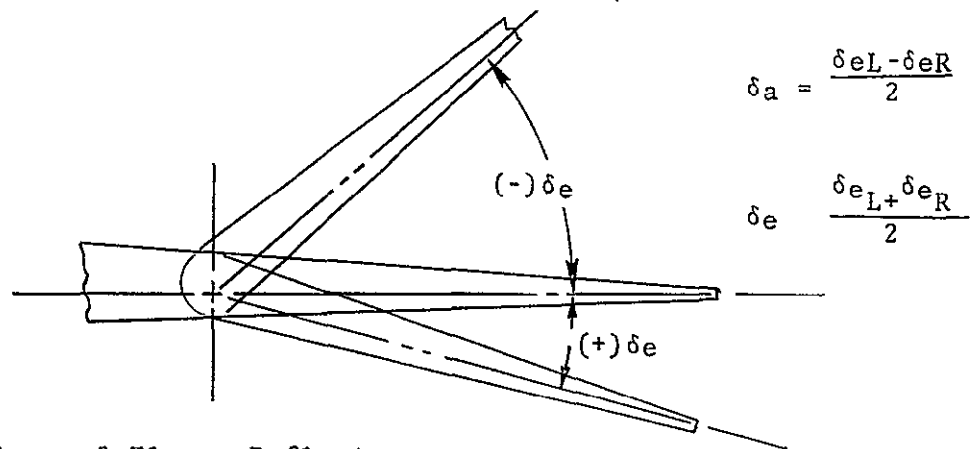
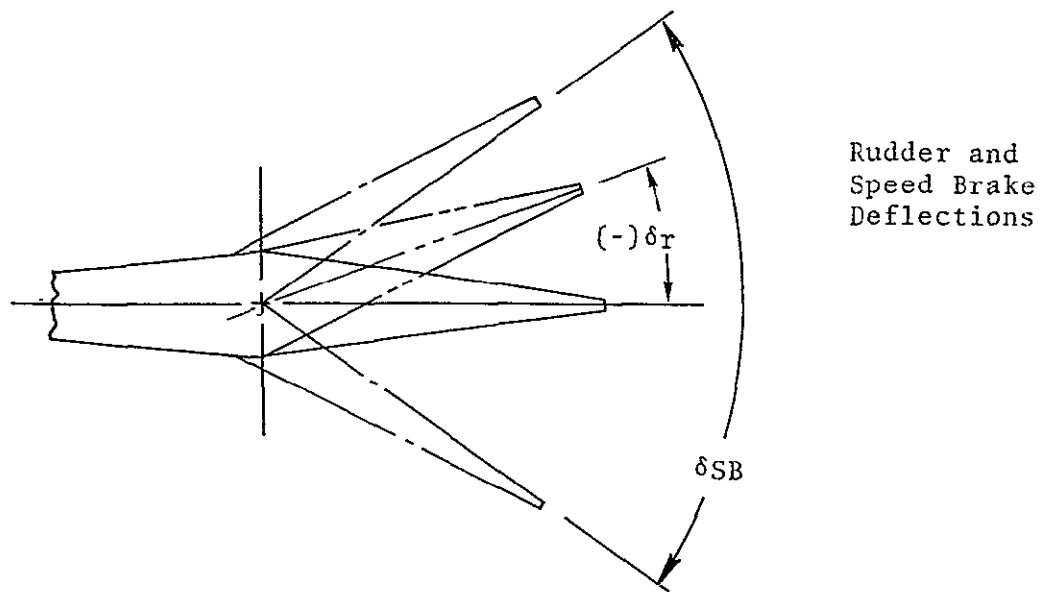
a. General

Figure 1. - Axis systems.

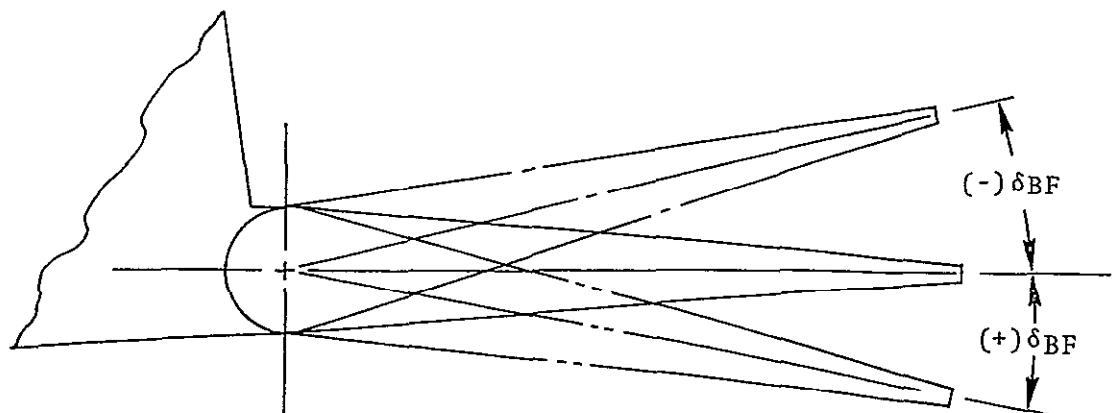


b. Model Attitude Definition

Figure 1. - Continued.



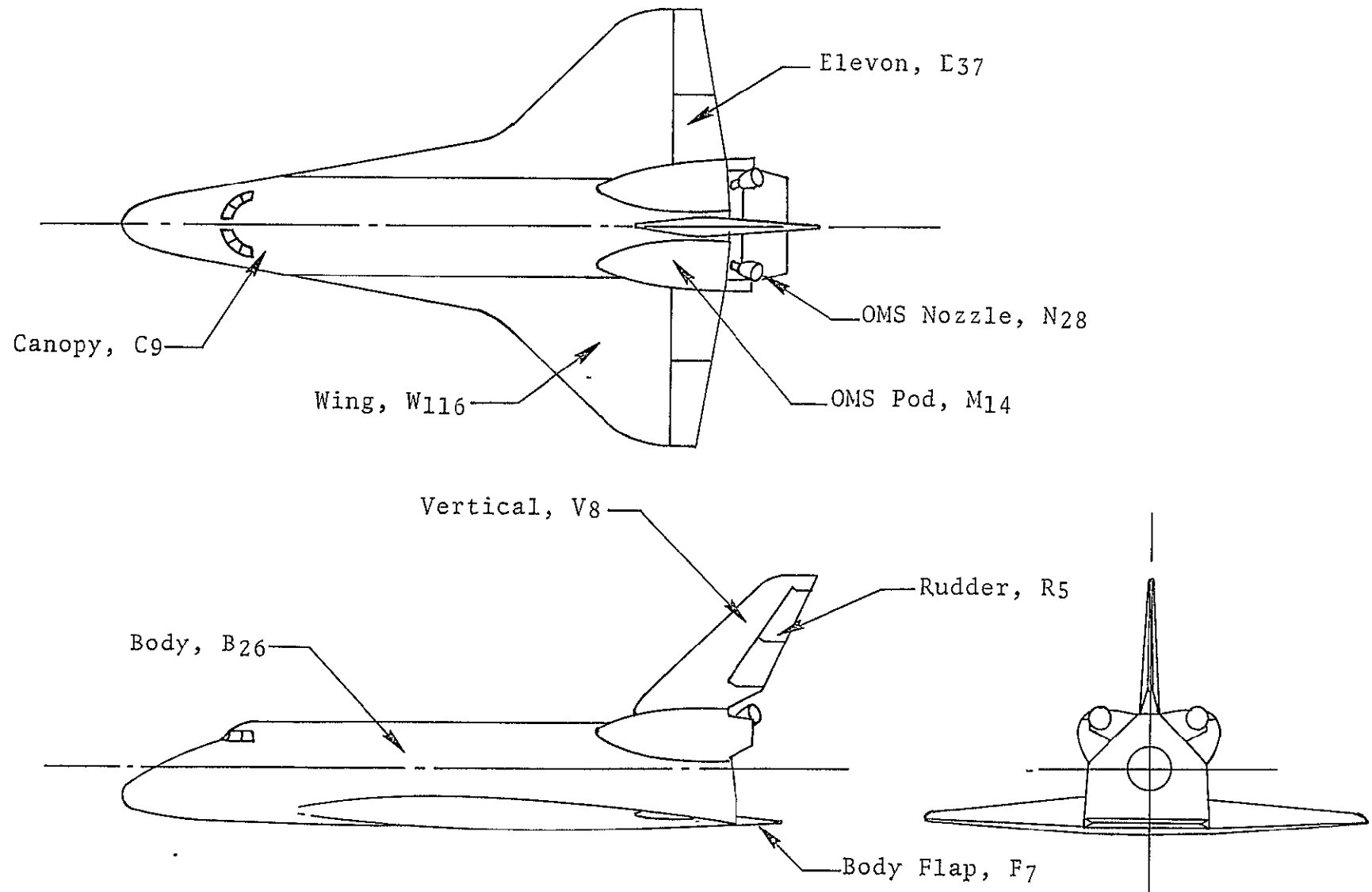
Aileron & Elevon Deflections



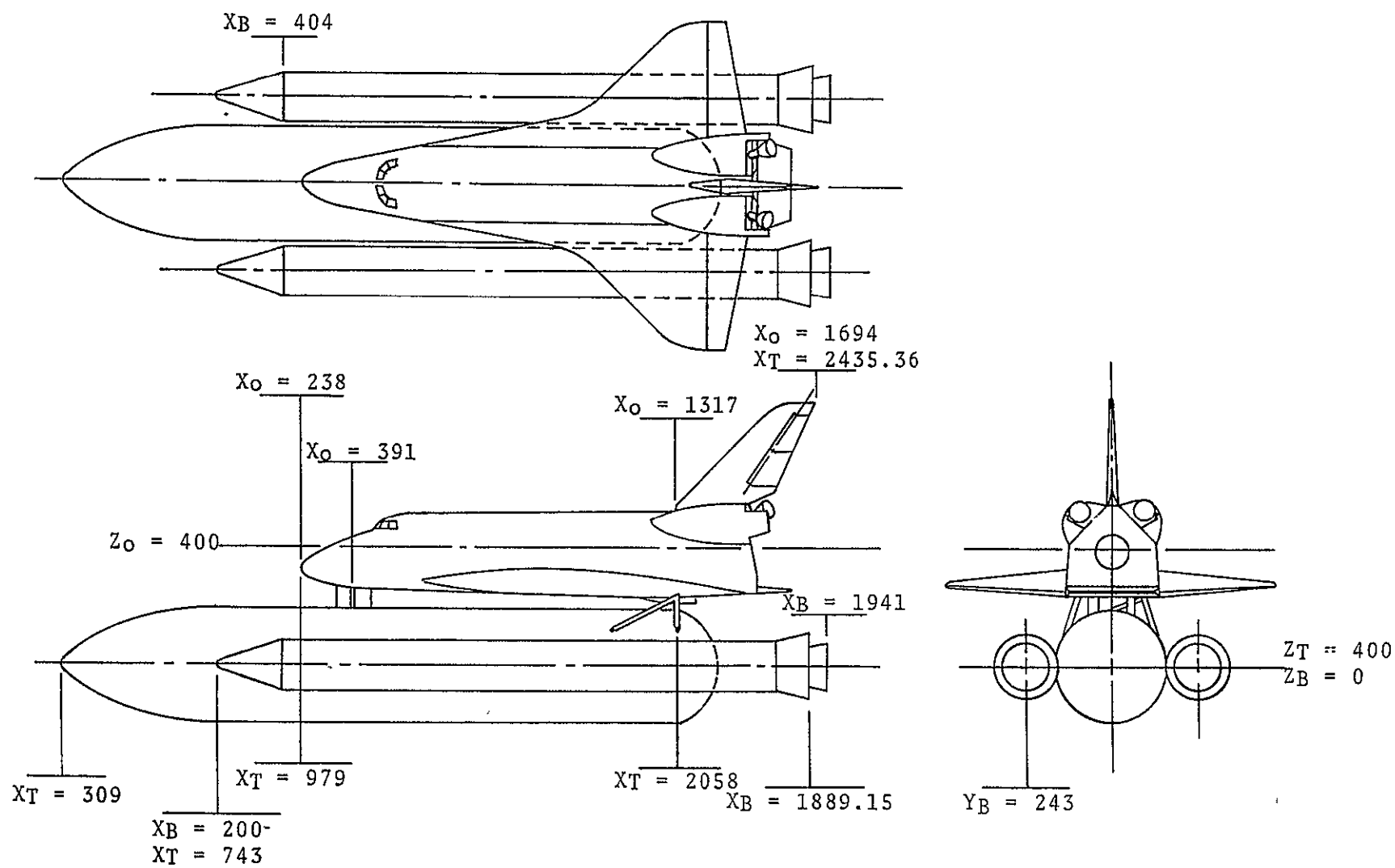
Body Flap Deflections

c. Sign Convention for Control Surfaces

Figure 1.' - Concluded.

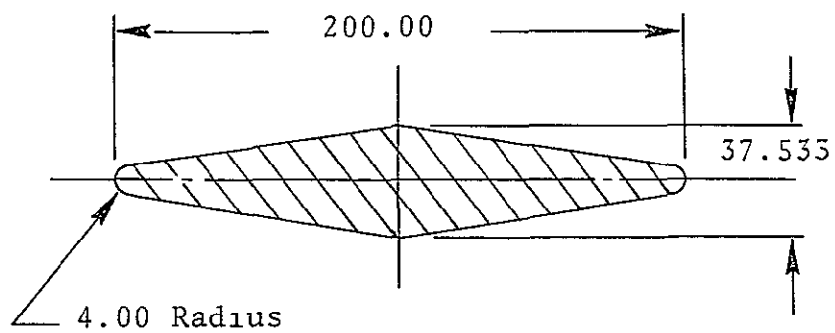
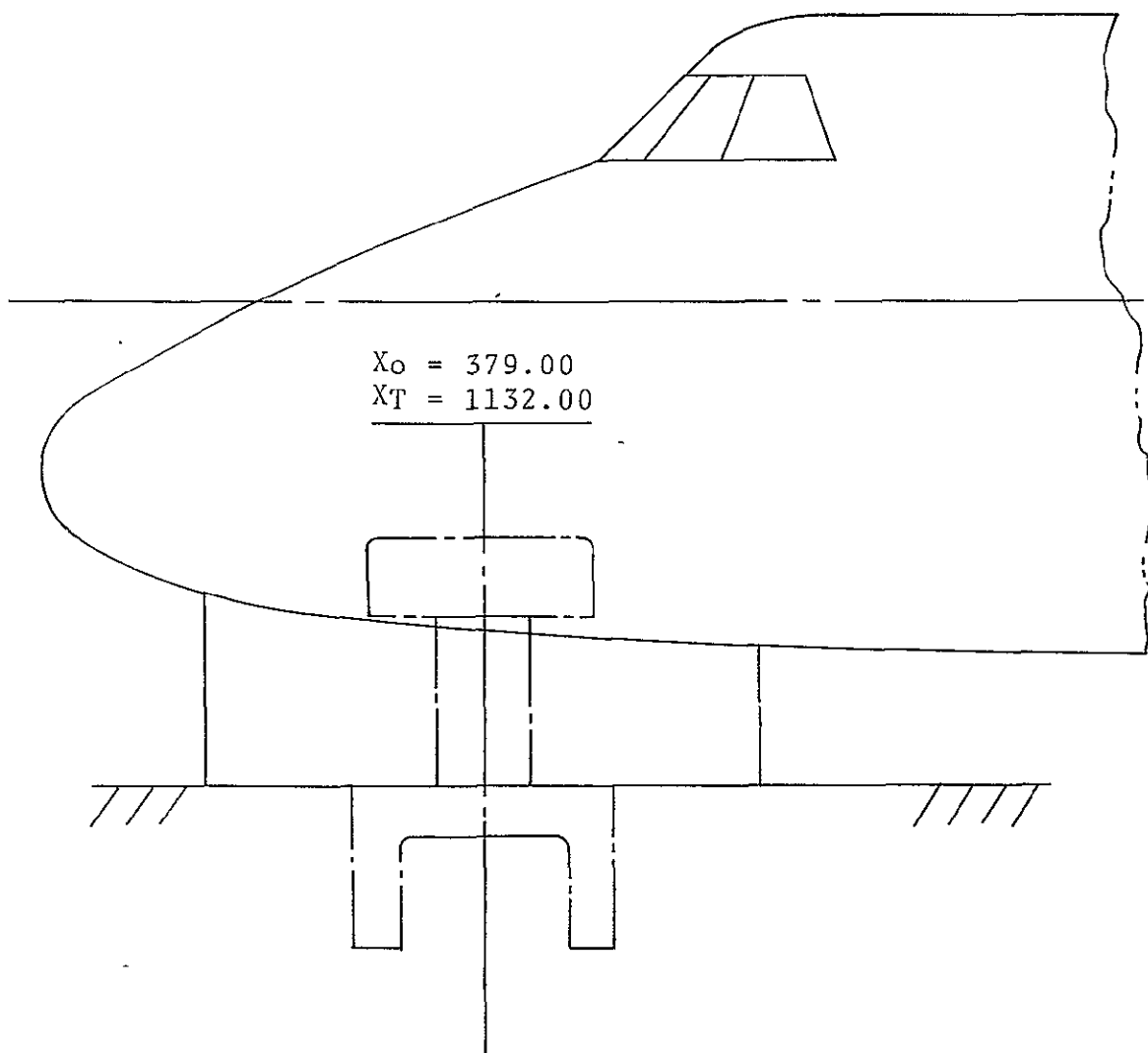


a. General Arrangement, - 140A/B Orbiter  
Figure 2. - Model sketches.



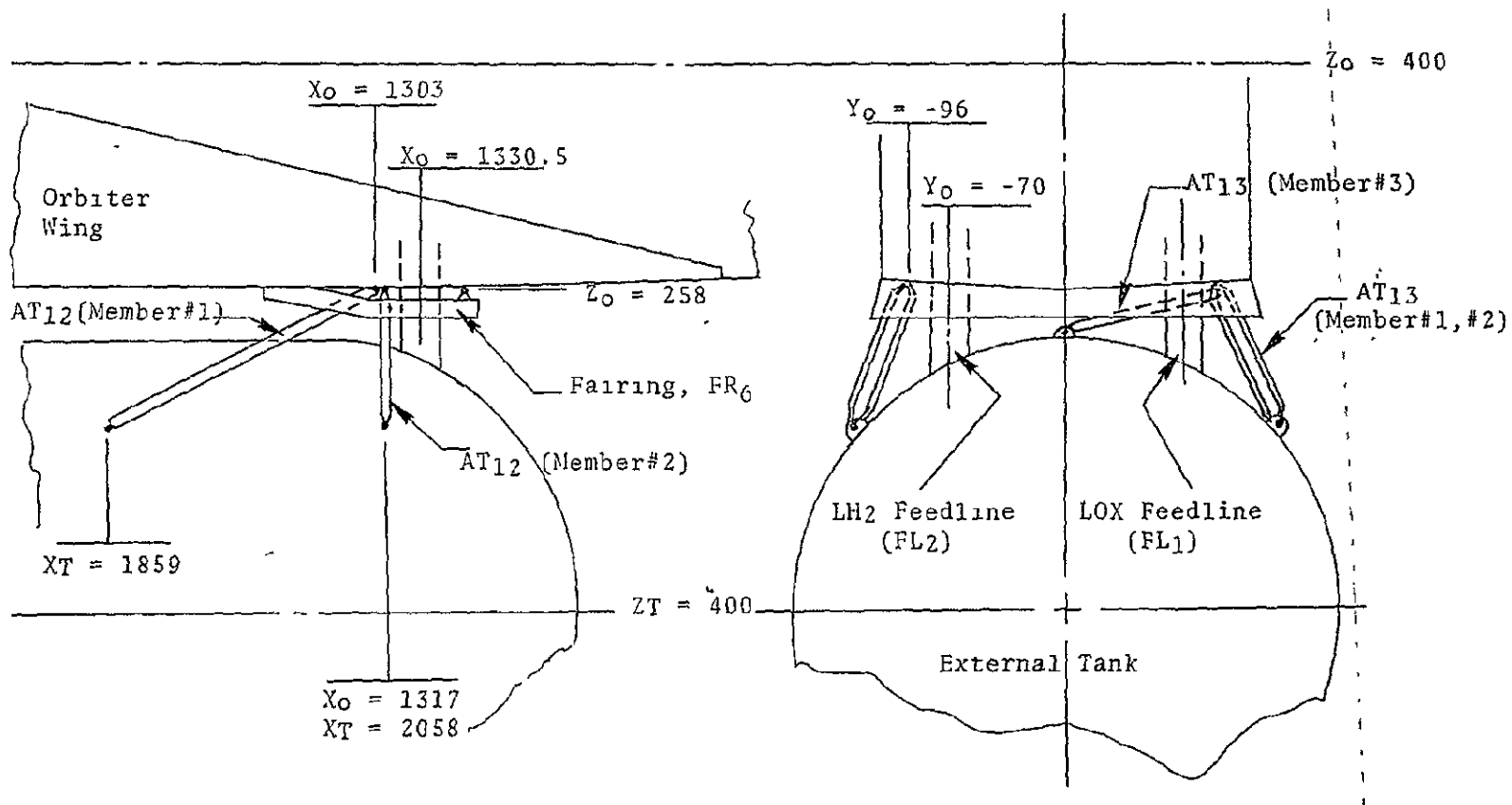
b. Mated Vehicle Configuration

Figure 2. - Continued.



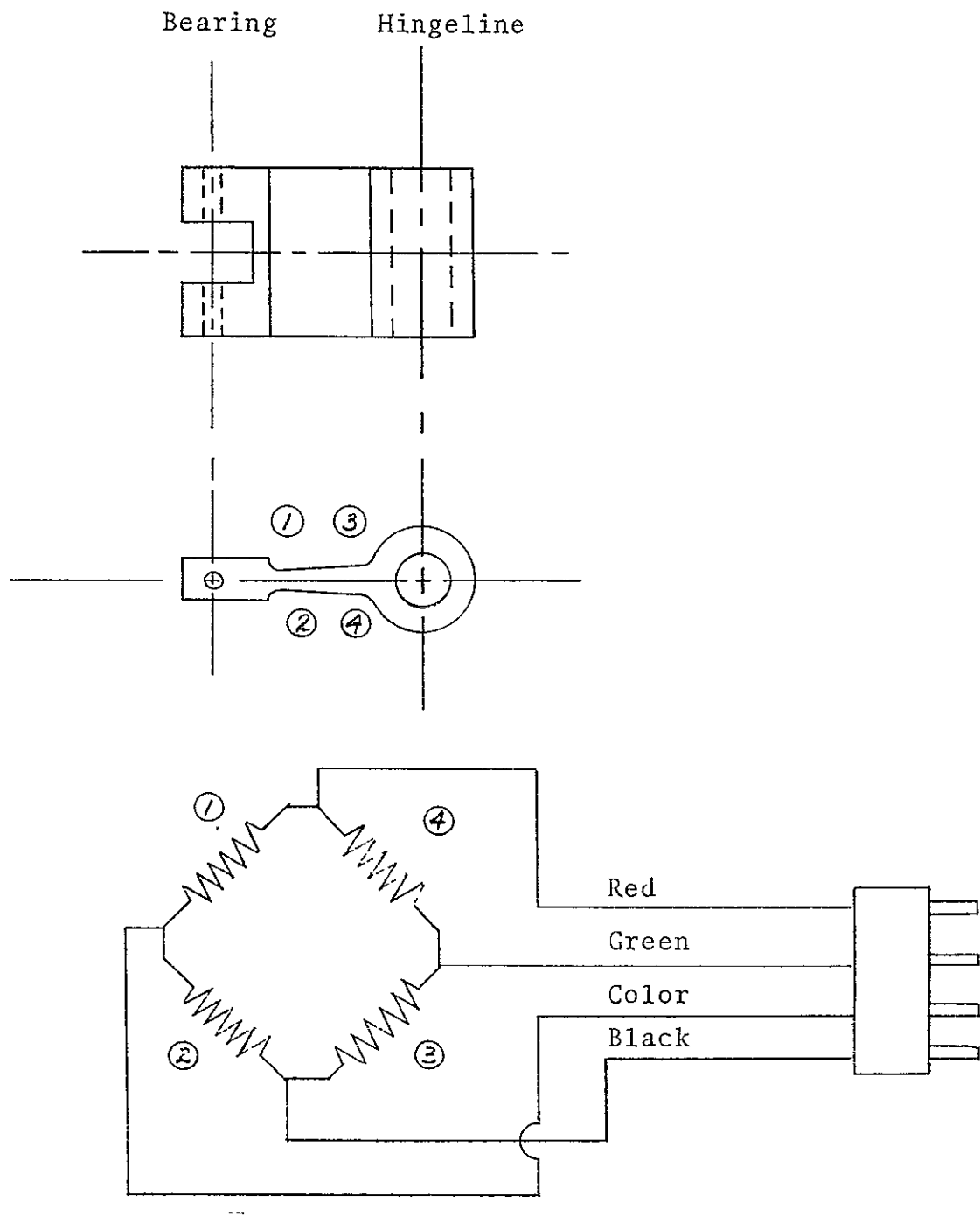
c. Forward Orbiter/ET Attach Hardware

Figure 2. - Continued.



d. Aft Orbiter/ET Attach Hardware

Figure 2. - Continued.



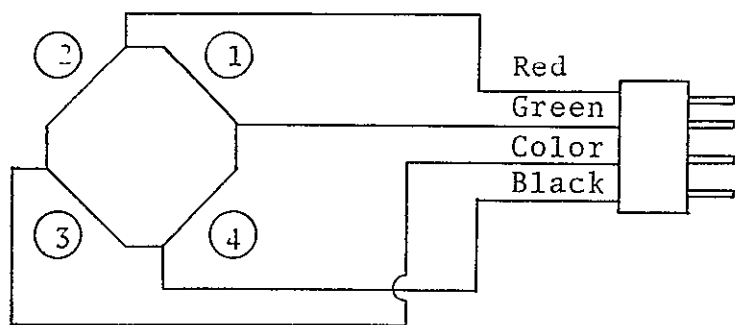
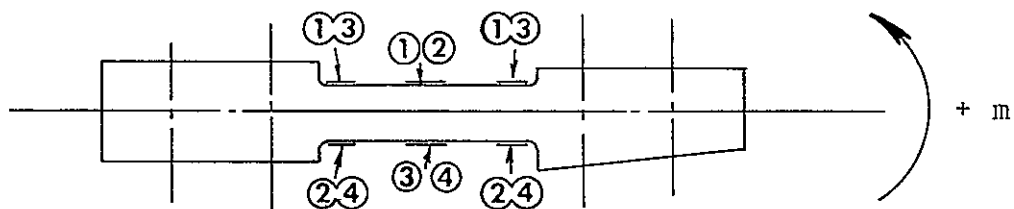
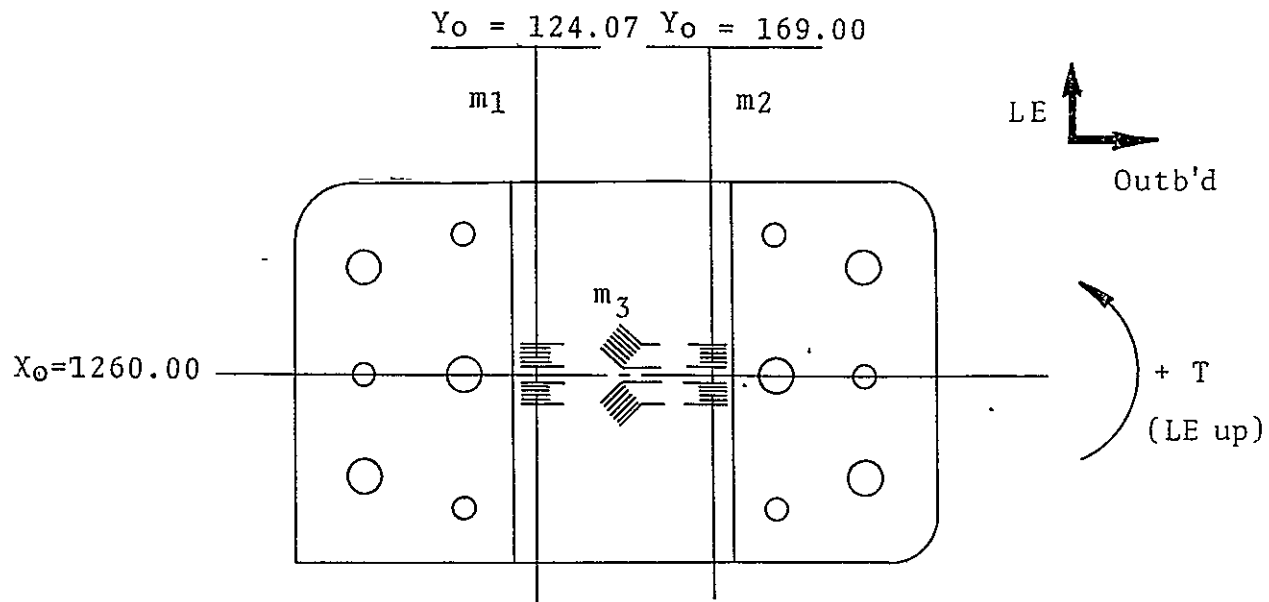
#### Color Code

Inboard Elevon	Grey
Outboard Elevon	Yellow
Body Flap	Orange

e. Elevon and Bodyflap Hinge Moment Gage

Figure 2. - Continued.





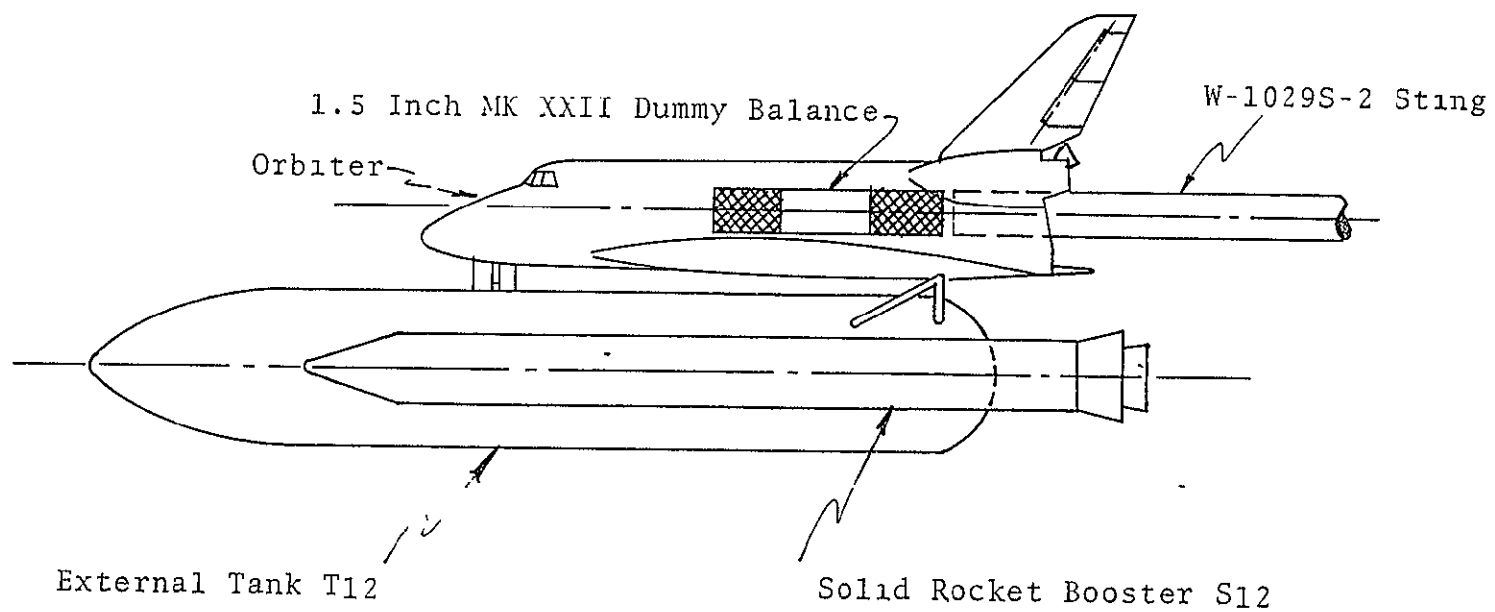
Gage Schematic

#### Color Code

$m_1$	Blue
$m_2$	White
$m_3$	Purple

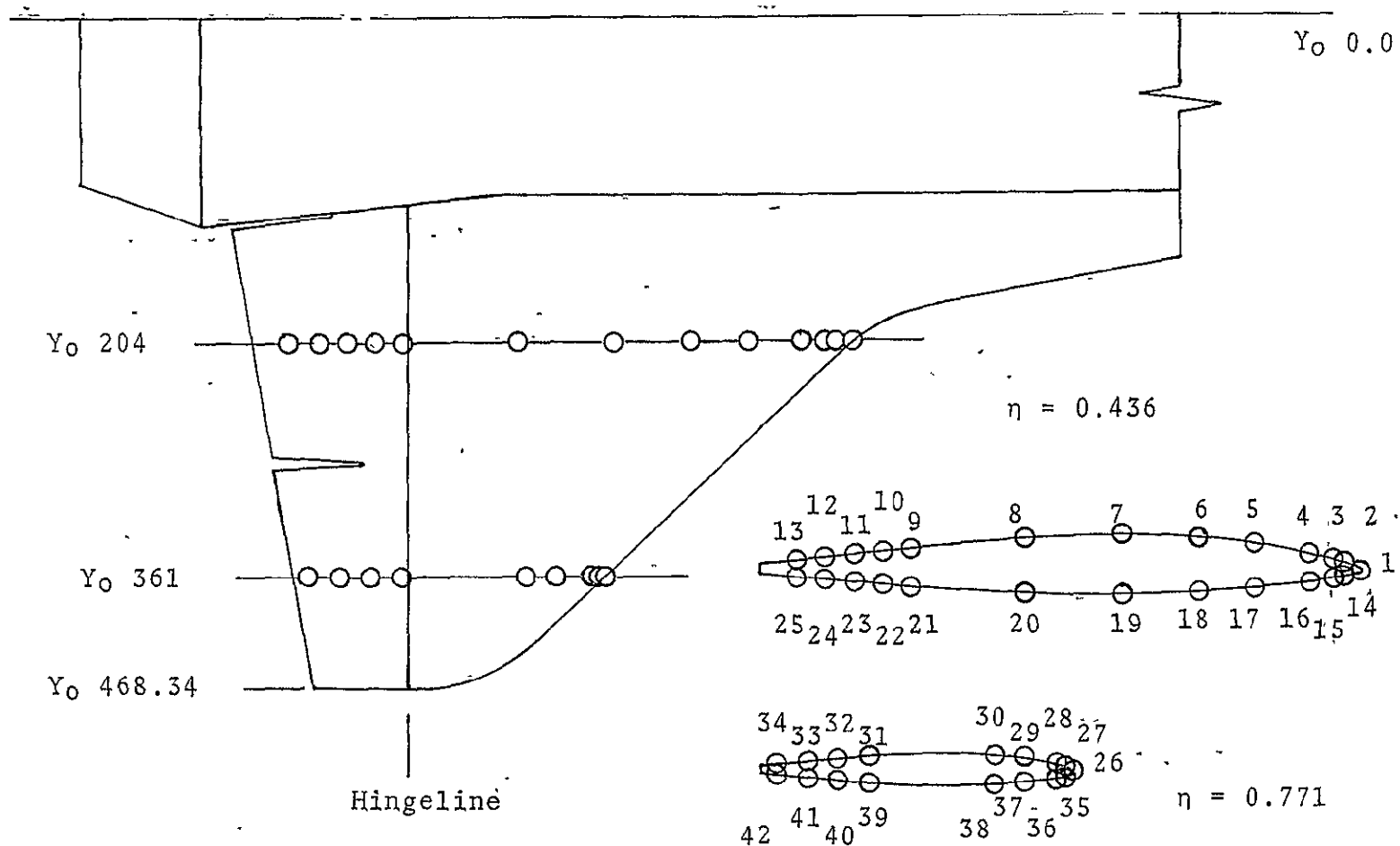
f. Wing Bending And Torsion Gage

Figure 2. - Continued.



g. Installation Sketch

Figure 2. - Continued.

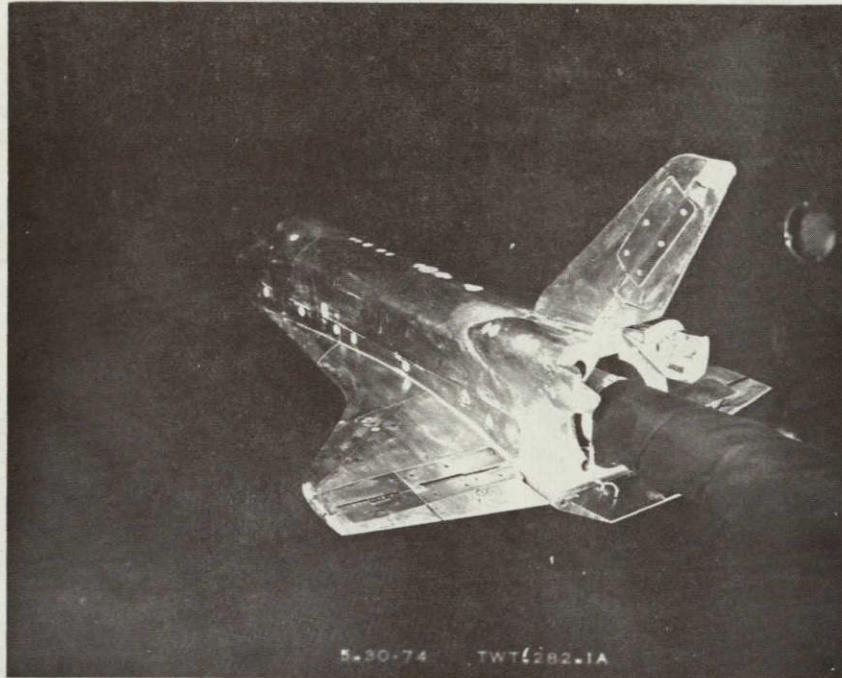


Notes:

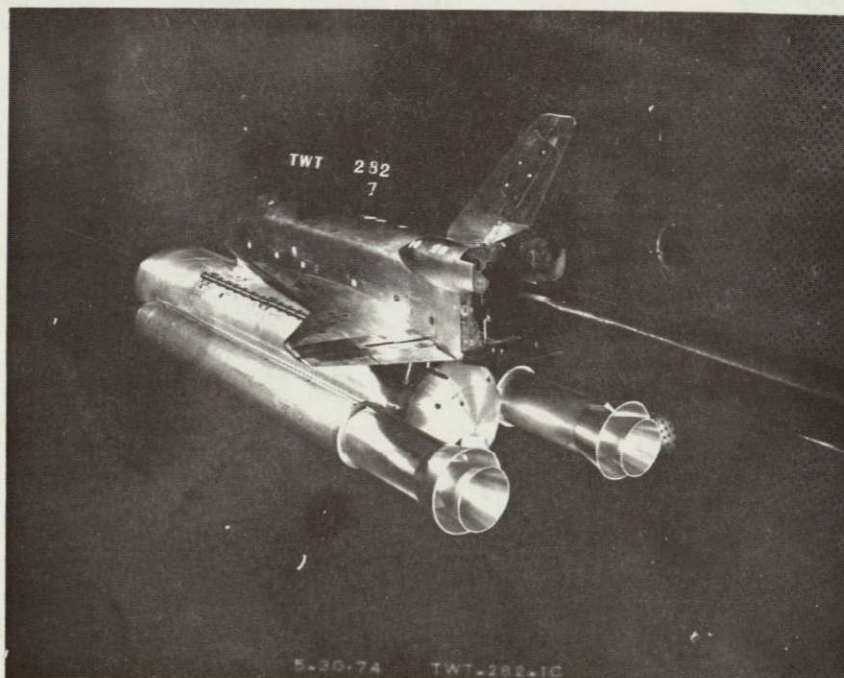
- (1) Full Scale Dimensions
- (2) Pressure Orifices are for Right-Hand Wing
- (3) See Table IV for X/C Locations

h. Orbiter Wing Pressure Tap Locations

Figure 2. - Concluded.

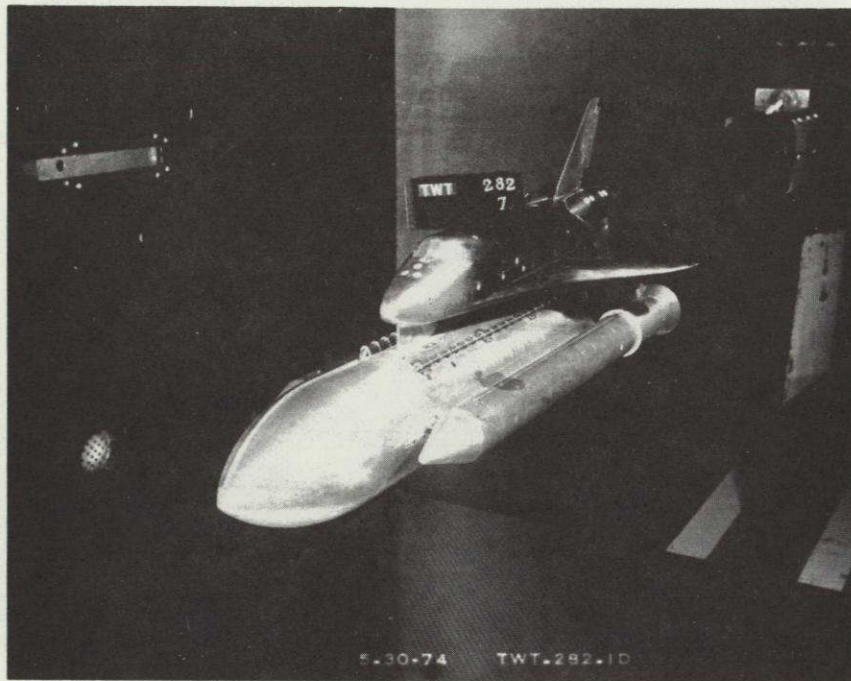


a. Aft View, TWT Installation Orbiter  
B26 C9 M7 F7 W116 E7 V8 R15



b. Aft View, TWT Installation Orbiter + Eternal  
Tank + Solid Rocket Motors

Figure 3. - Model installation.



c. Front View, TWT Installation Orbiter + External Tank + Solid Rocket Motors

Figure 3. - Concluded.



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

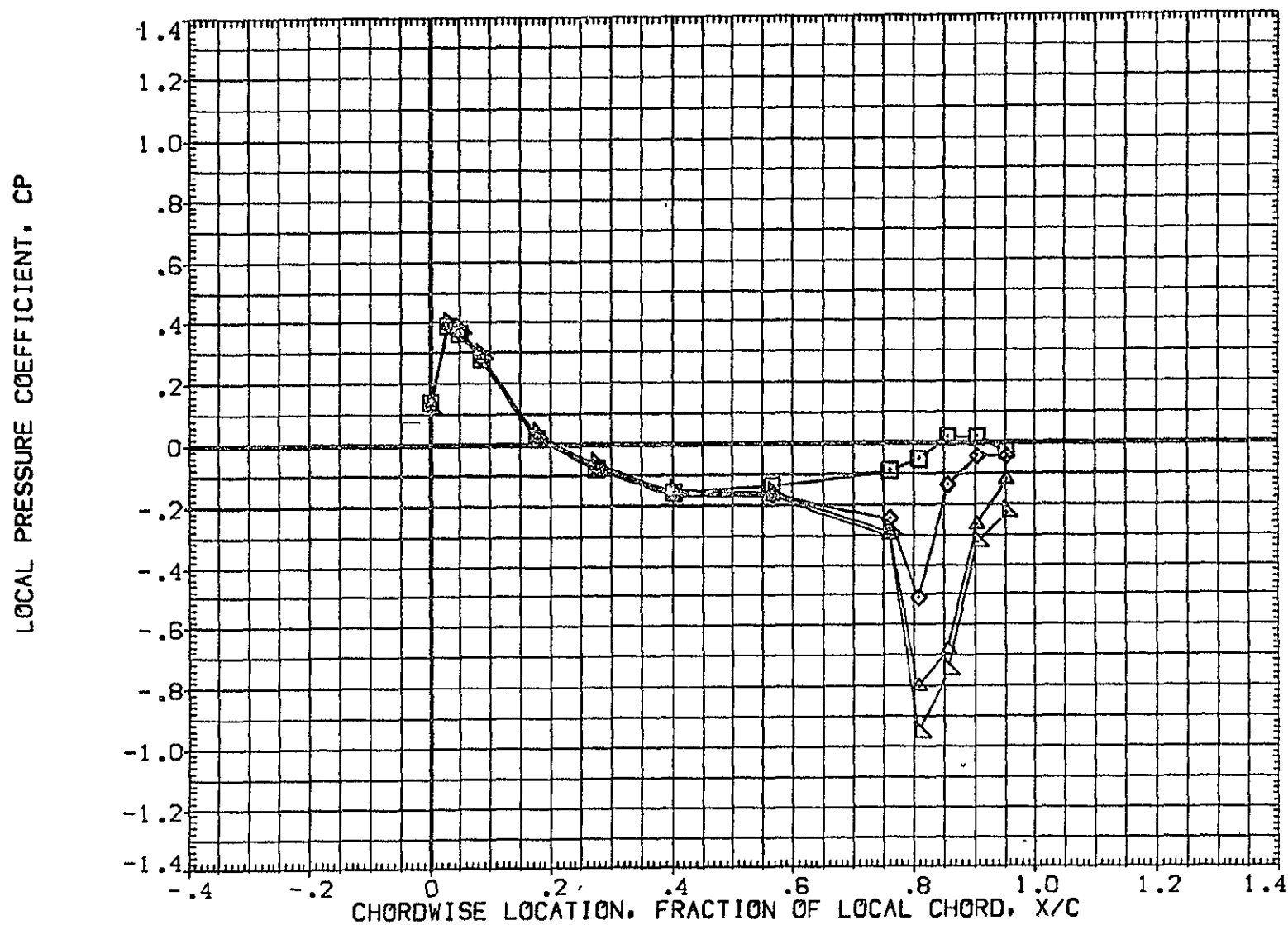


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

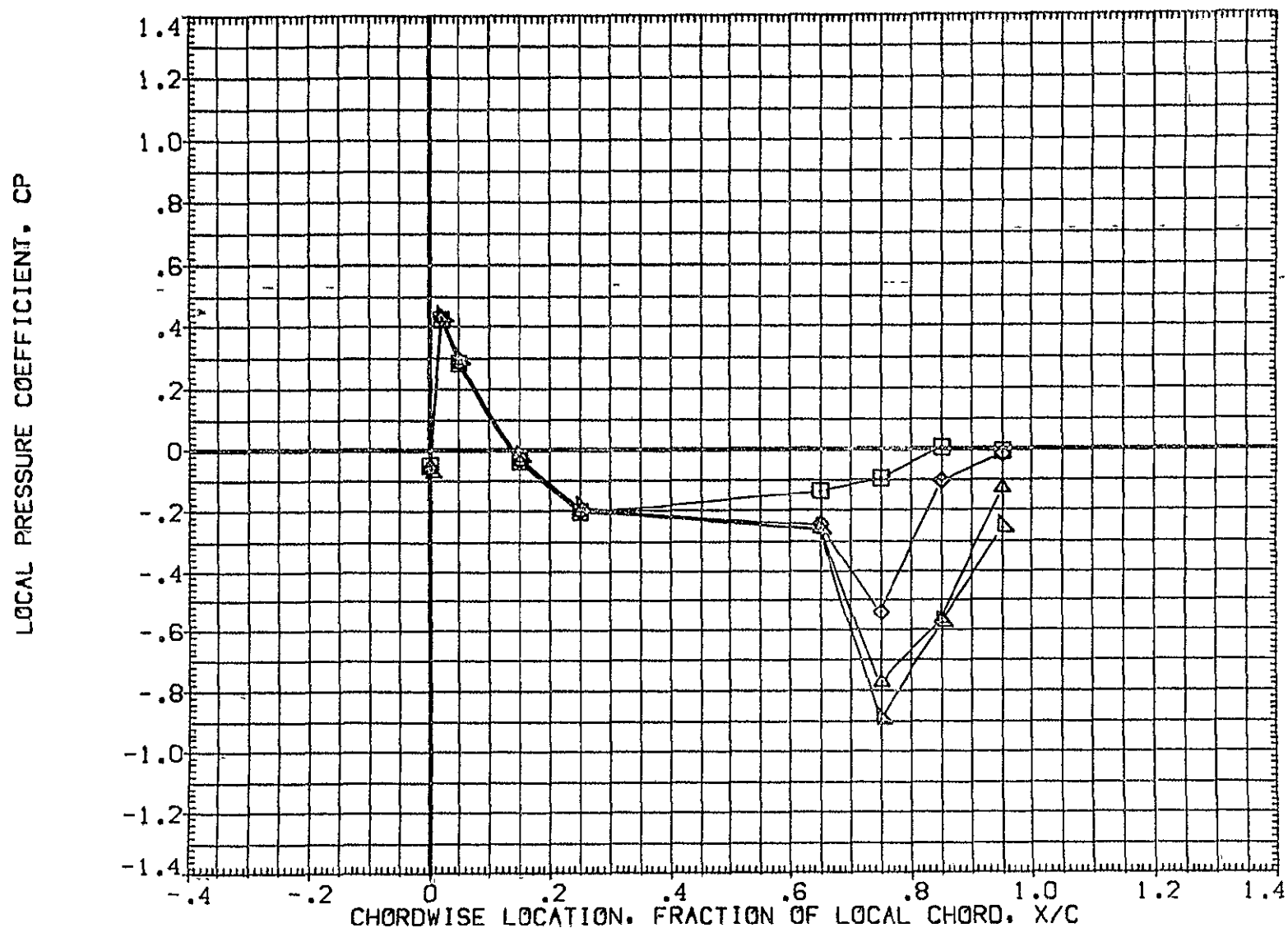


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

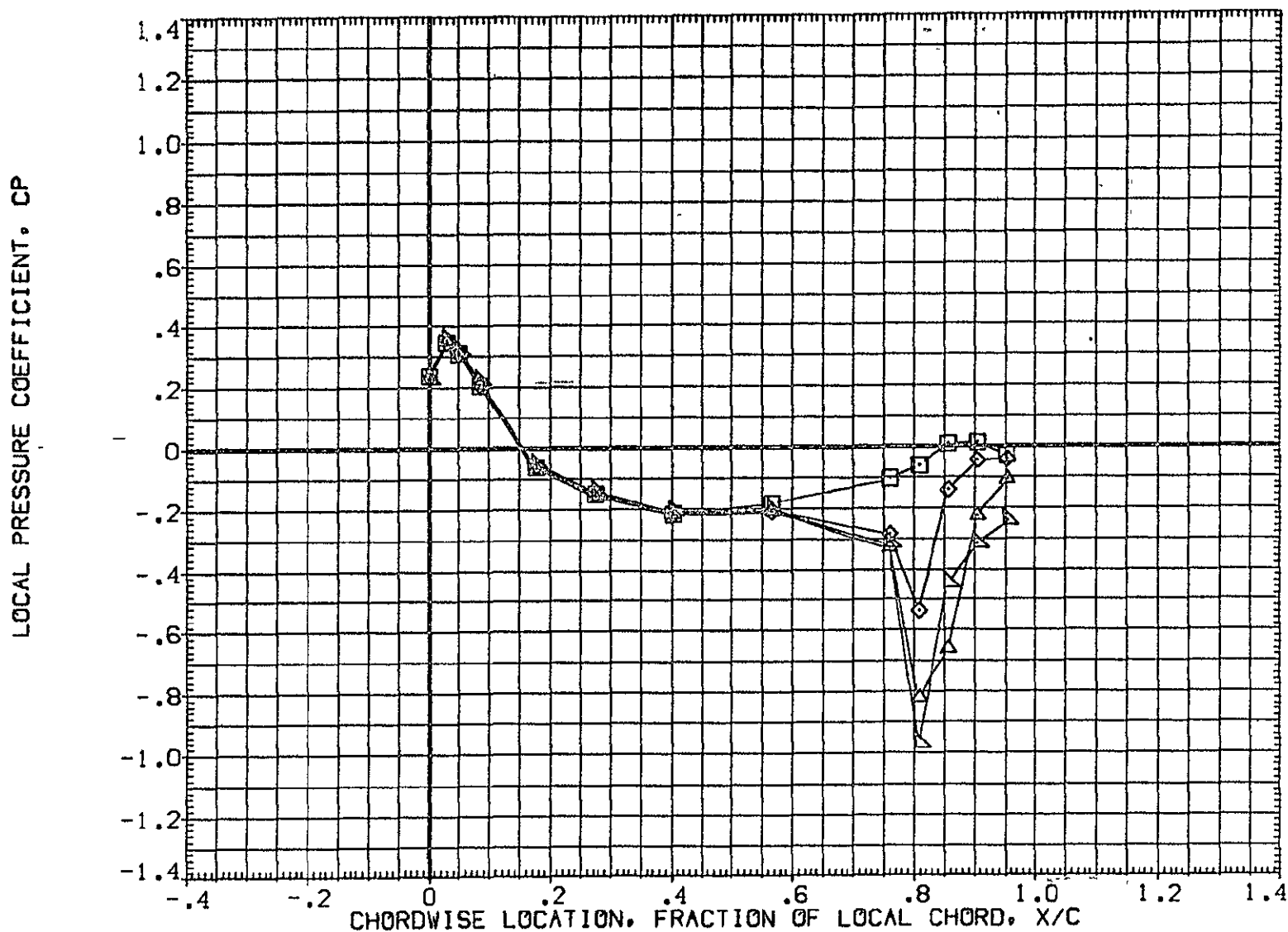


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = 0$   
MACH = .900 ALPHA = -6.000  $2Y/B = .436$



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

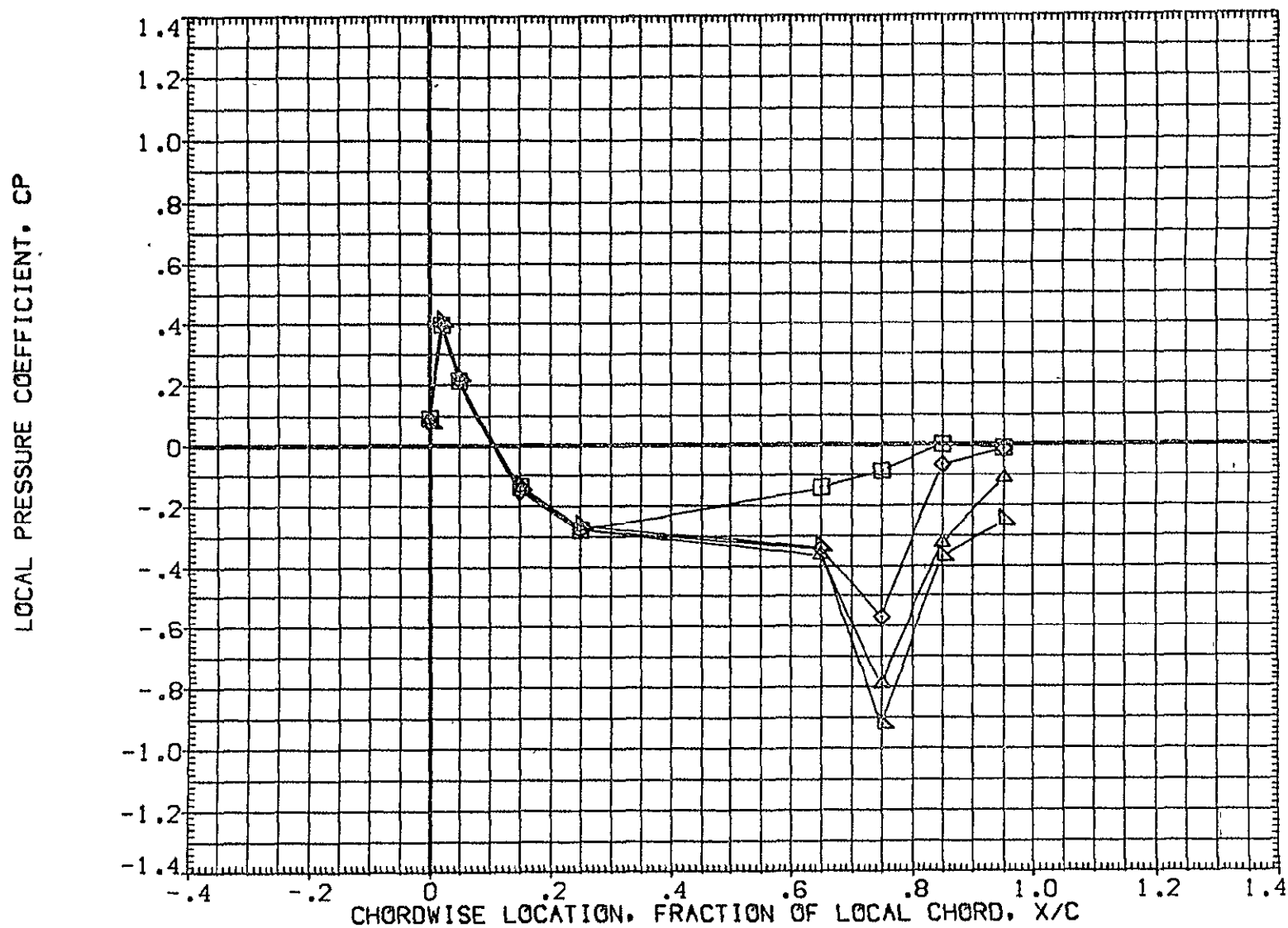


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -6.000 2Y/B = .771 PAGE 632

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

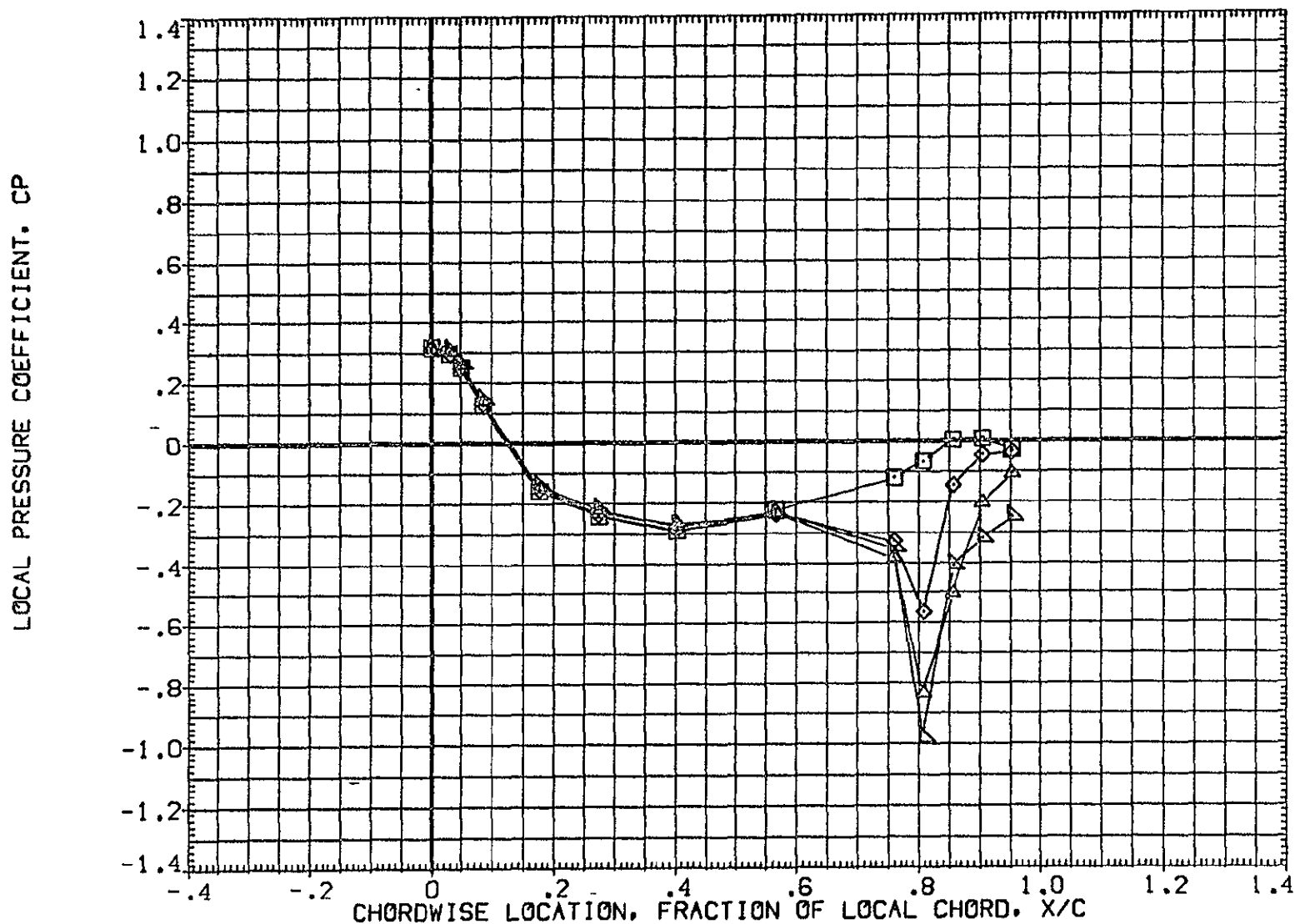


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

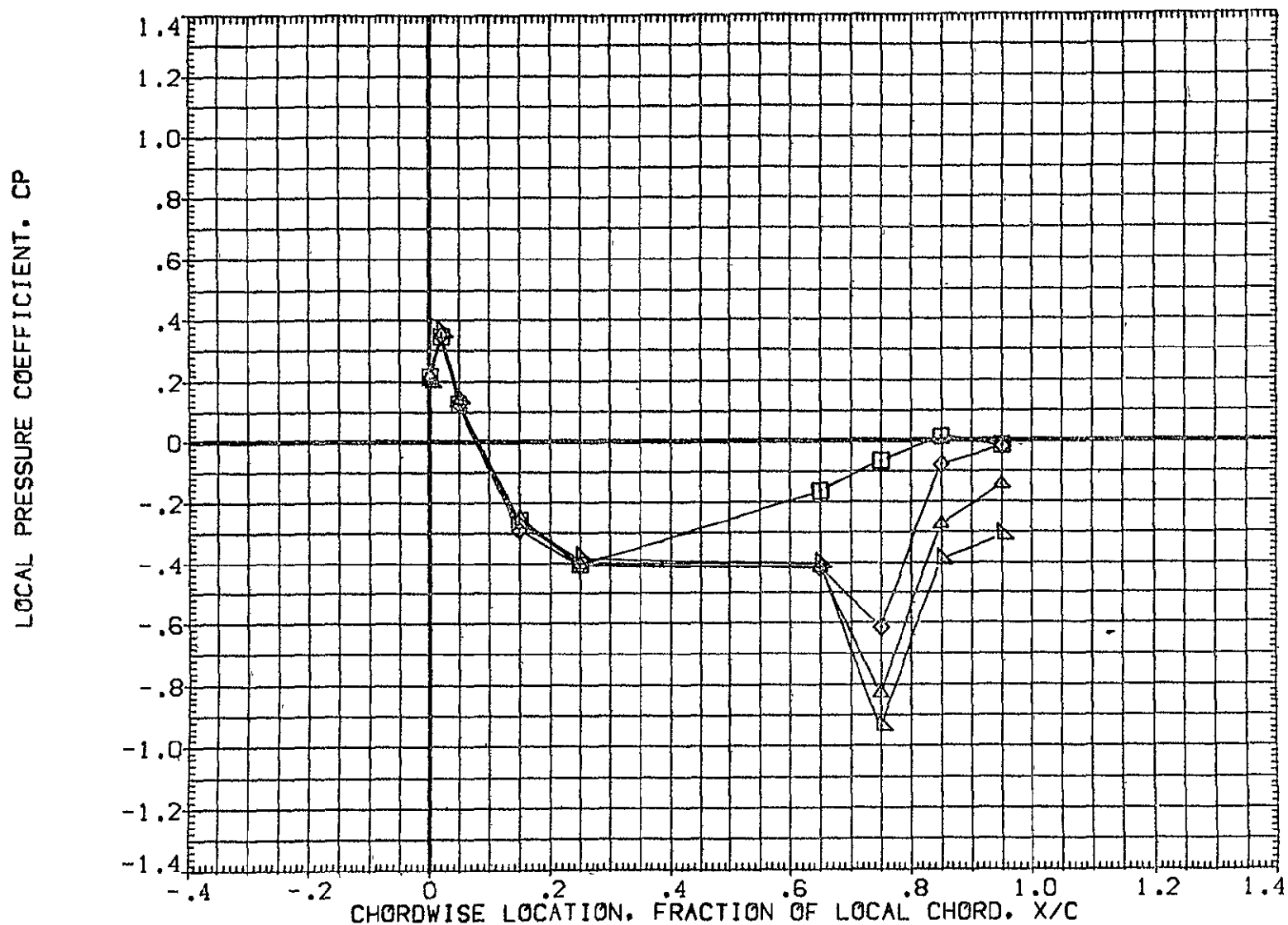


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -4.000 2Y/B = .771 PAGE 634

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

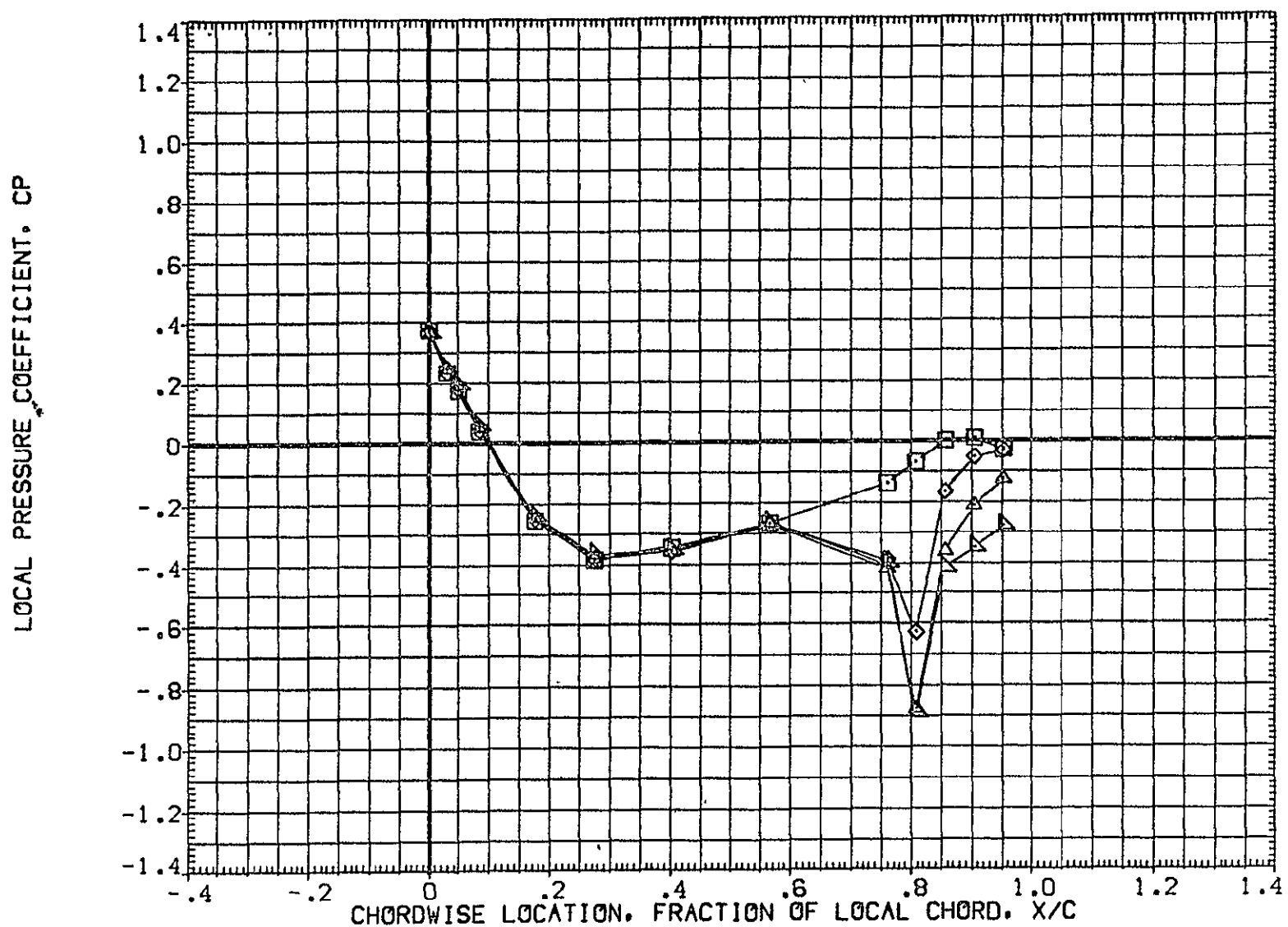


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -2.000 2Y/B = .436 PAGE 635

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(AF7U64)	DATA NOT AVAILABLE
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

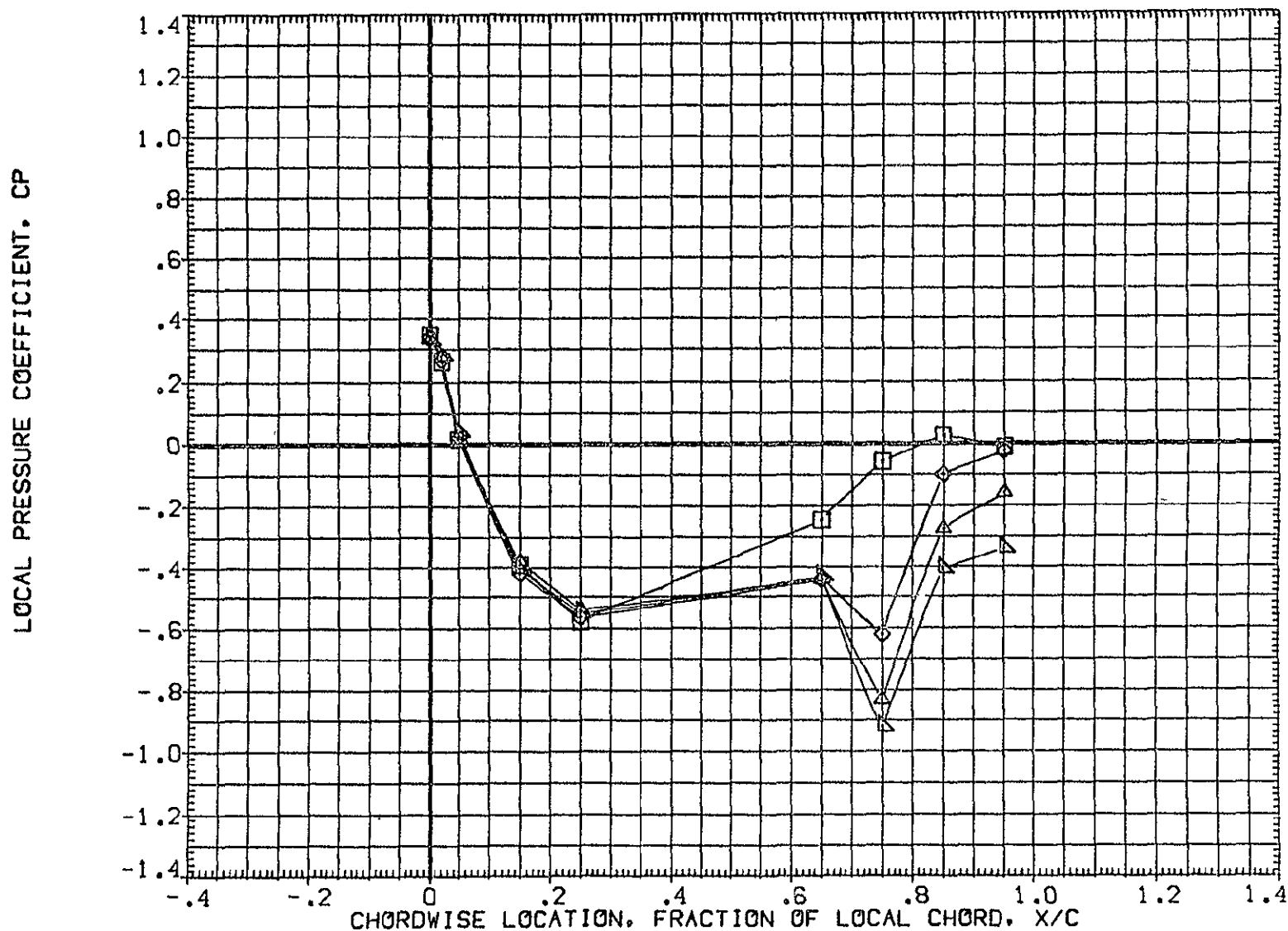


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -2.000 2Y/B = .771 PAGE 636

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

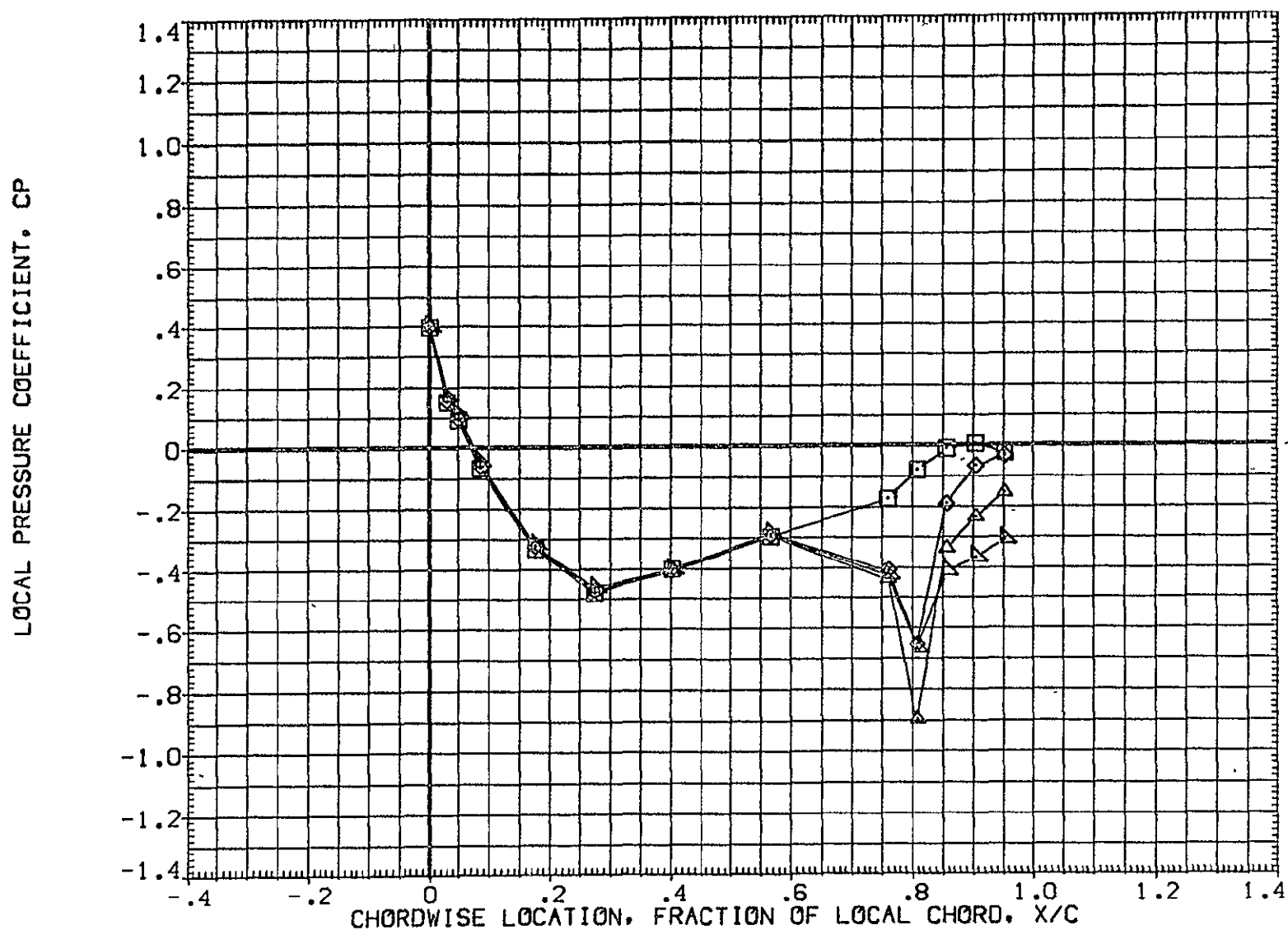


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

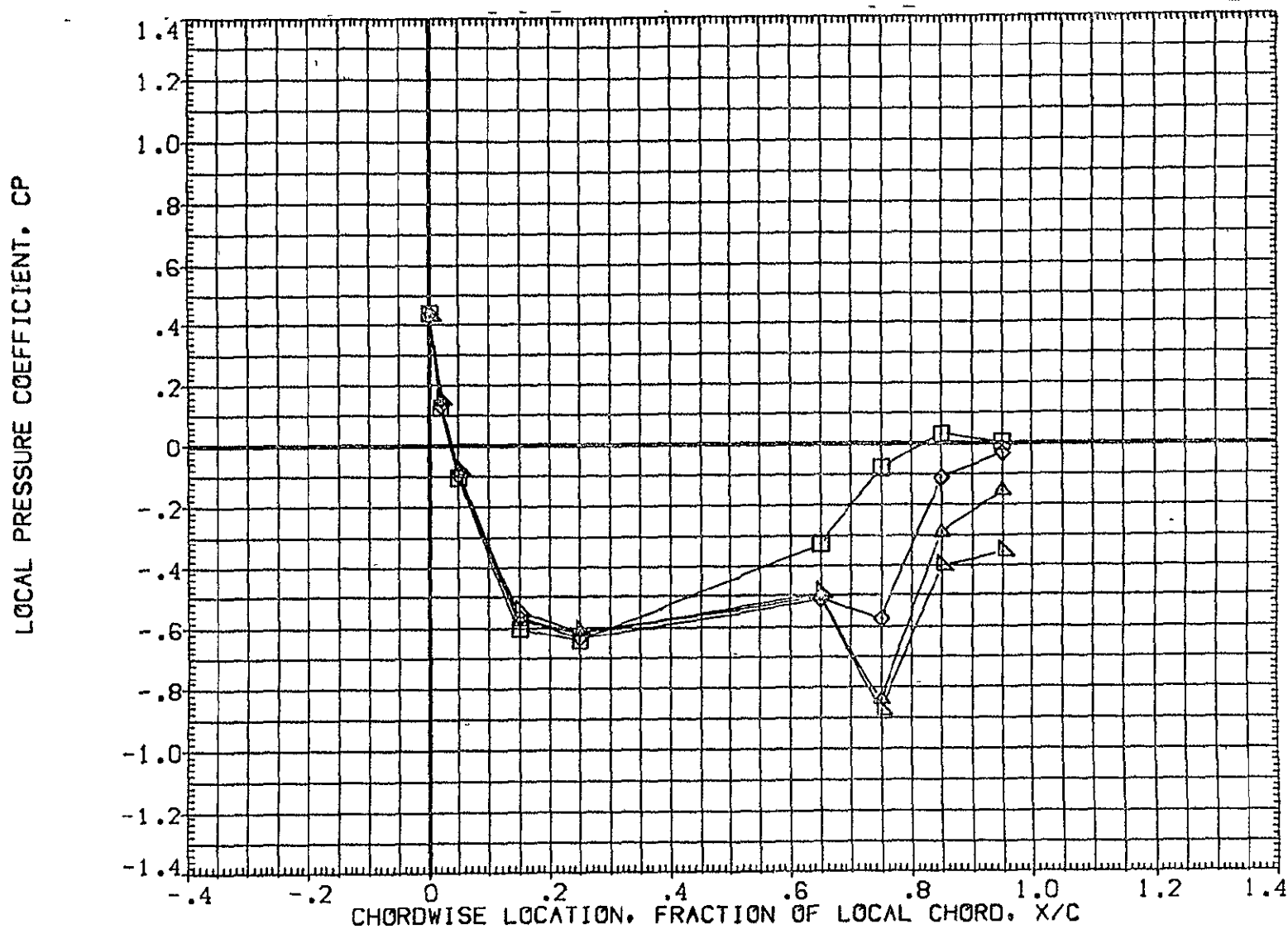


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

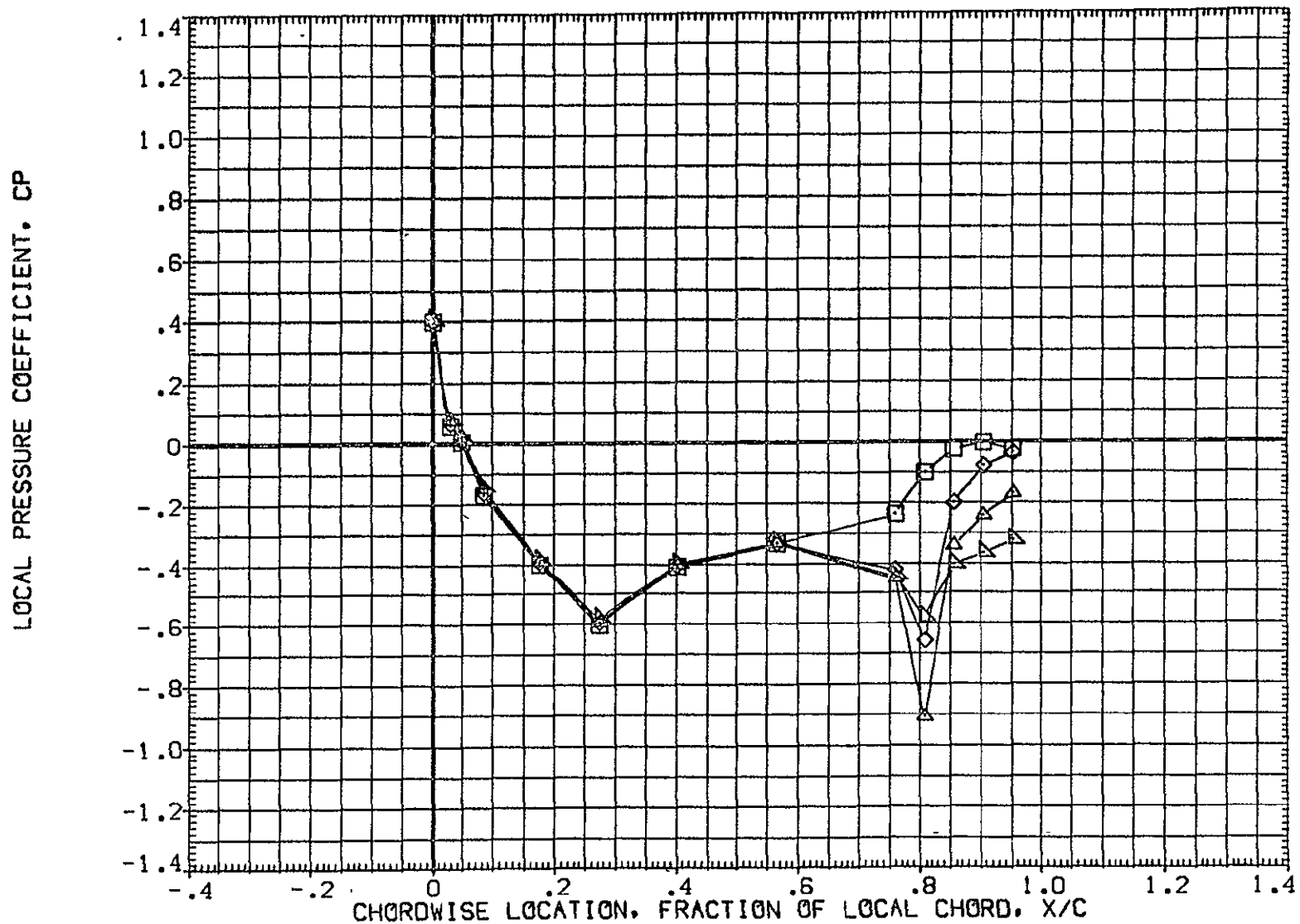


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 2.000 2Y/B = .436 PAGE 639



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U50}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U60}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

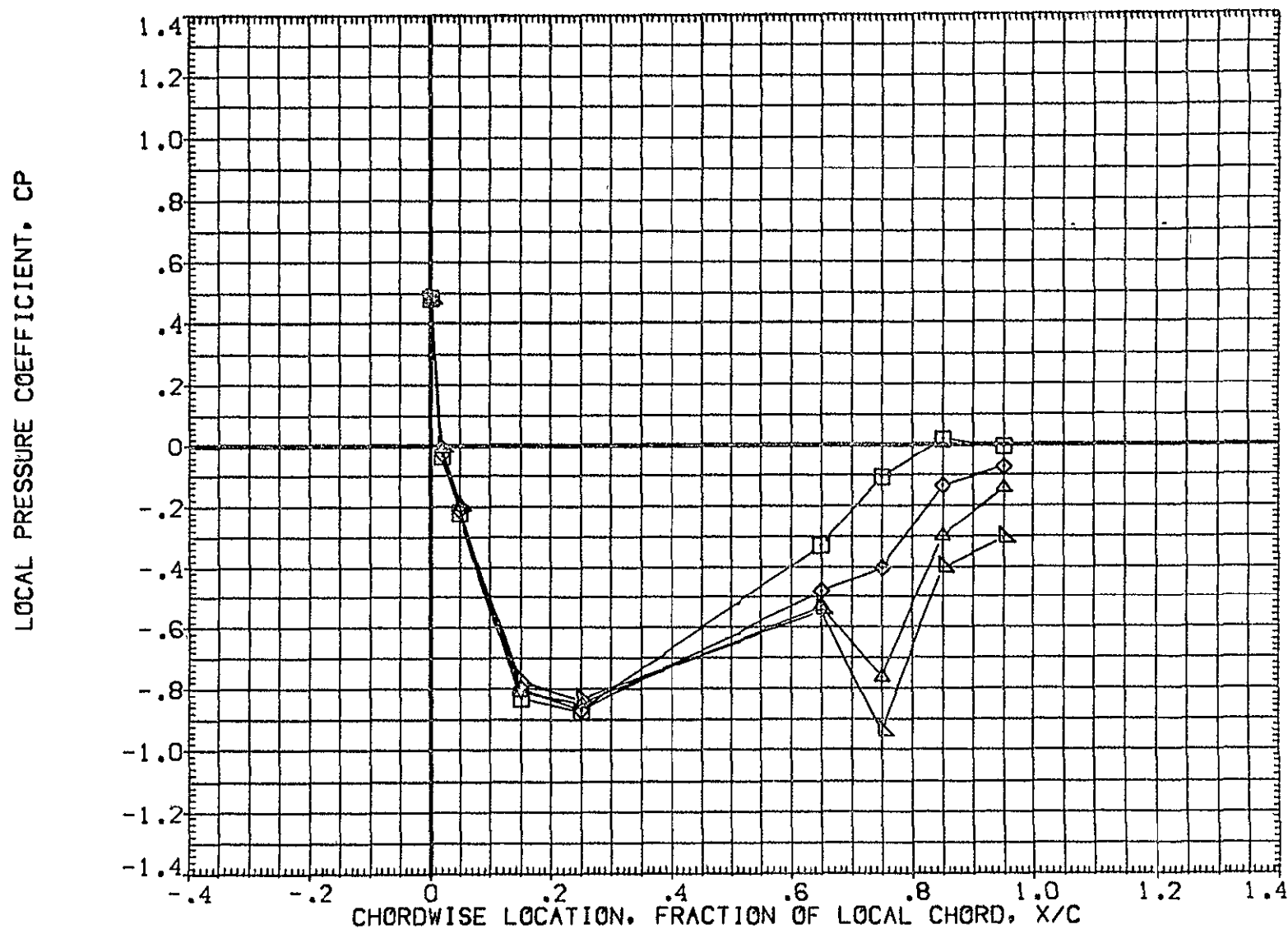


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 2.000 2Y/B = .771 PAGE 640

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	{A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	{A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	{A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	{A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

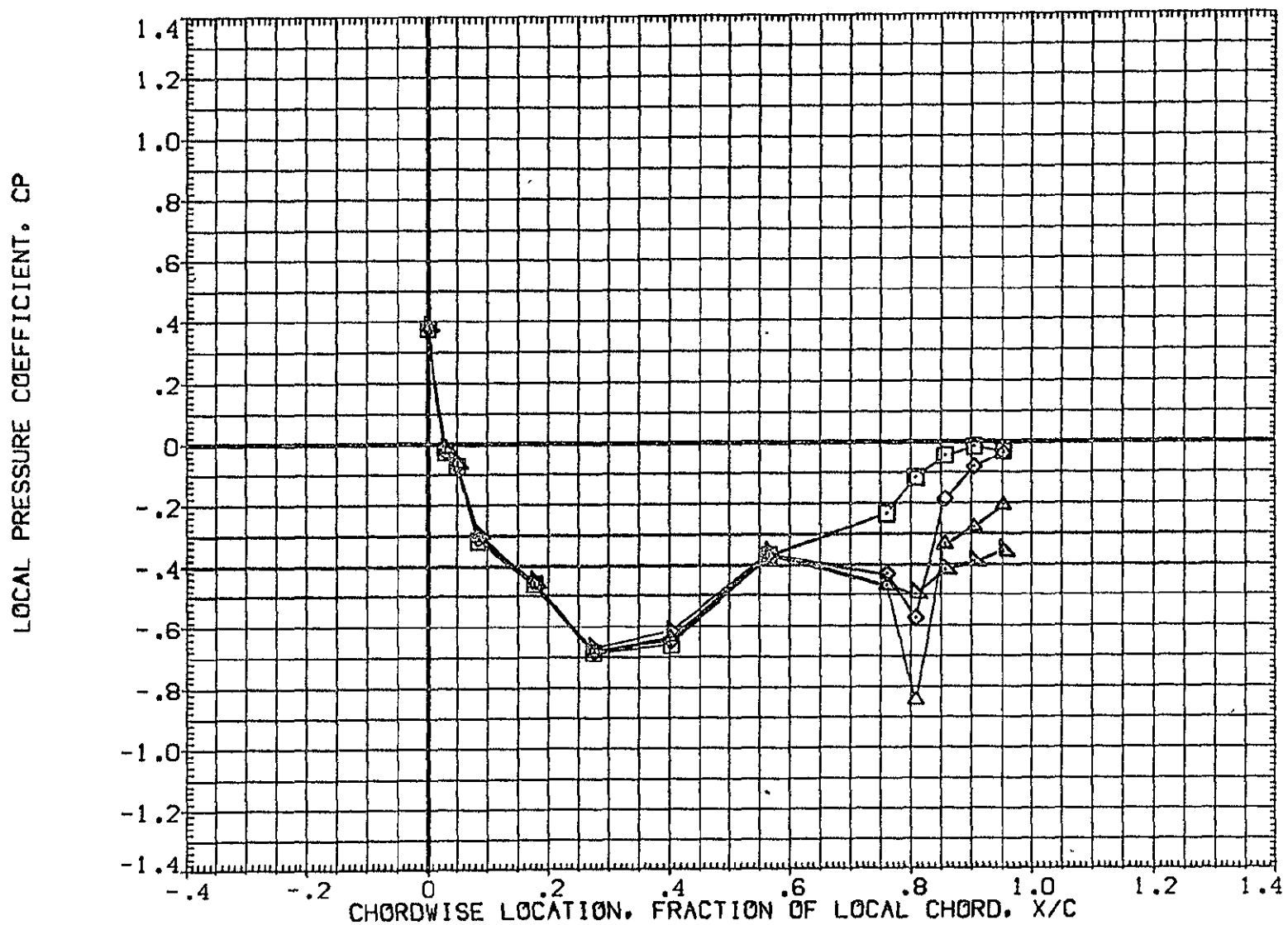


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 4.000 2Y/B = .436 PAGE 641

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

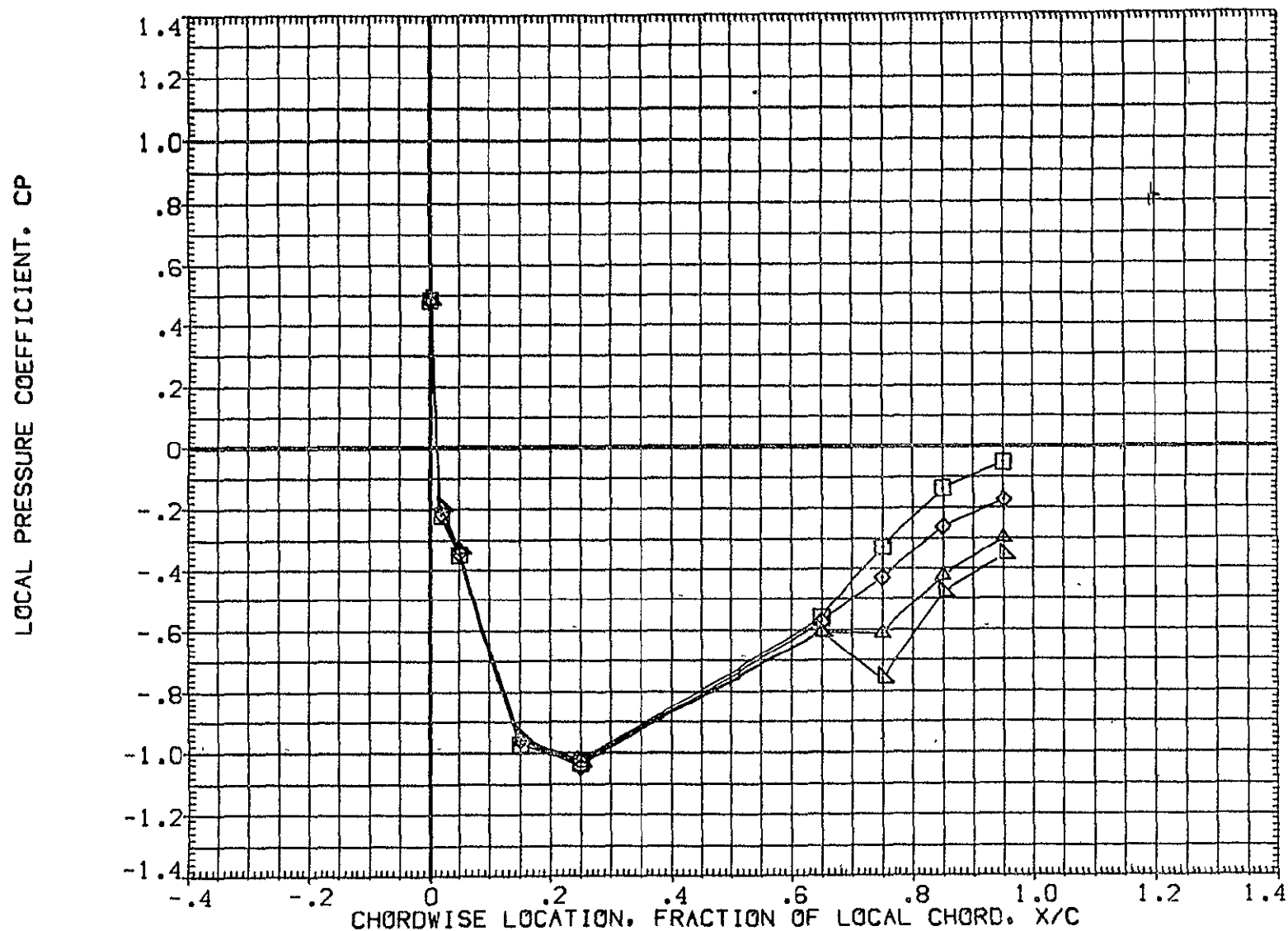


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 4.000 2Y/B = .771 PAGE 642

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

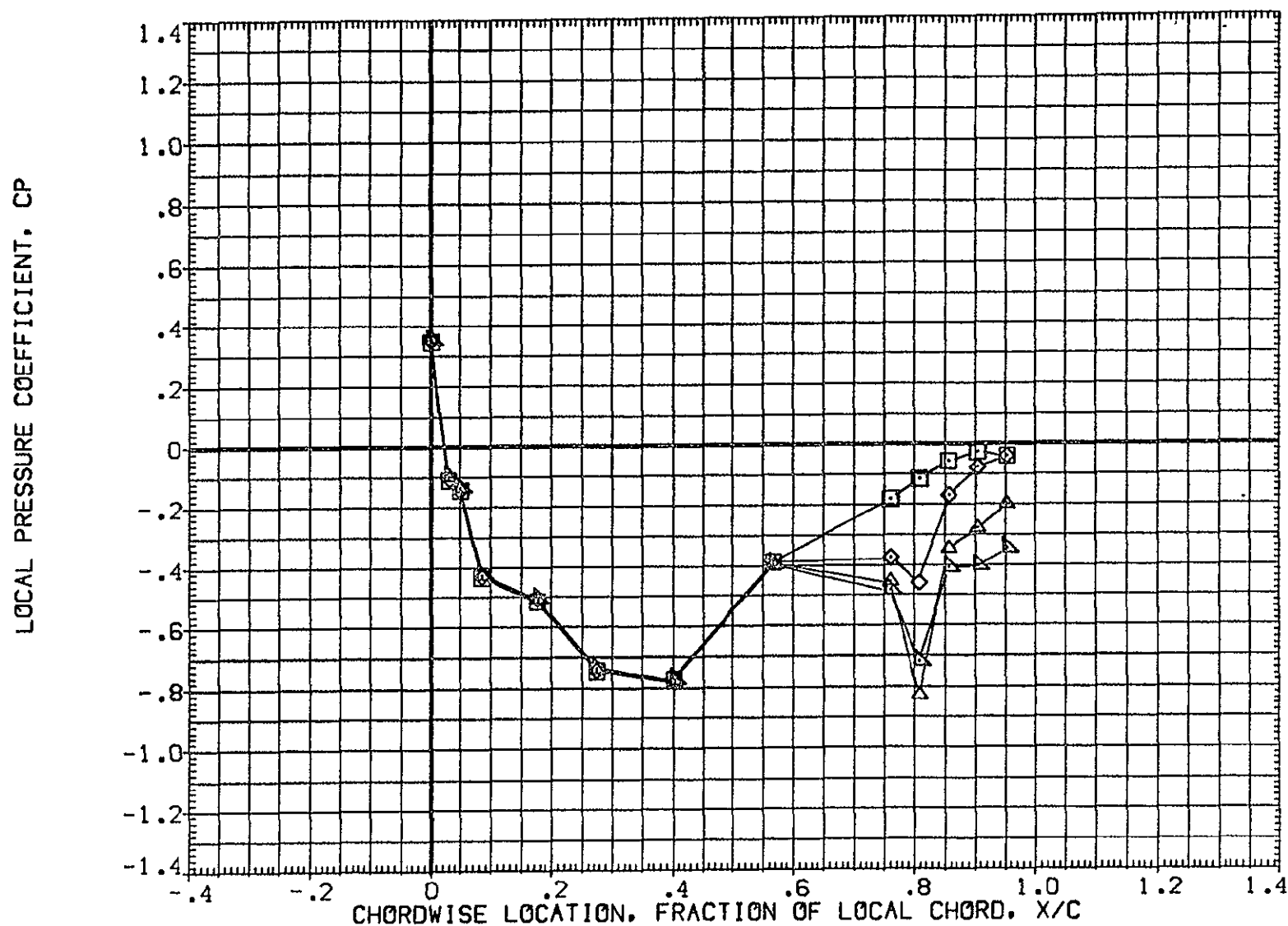


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

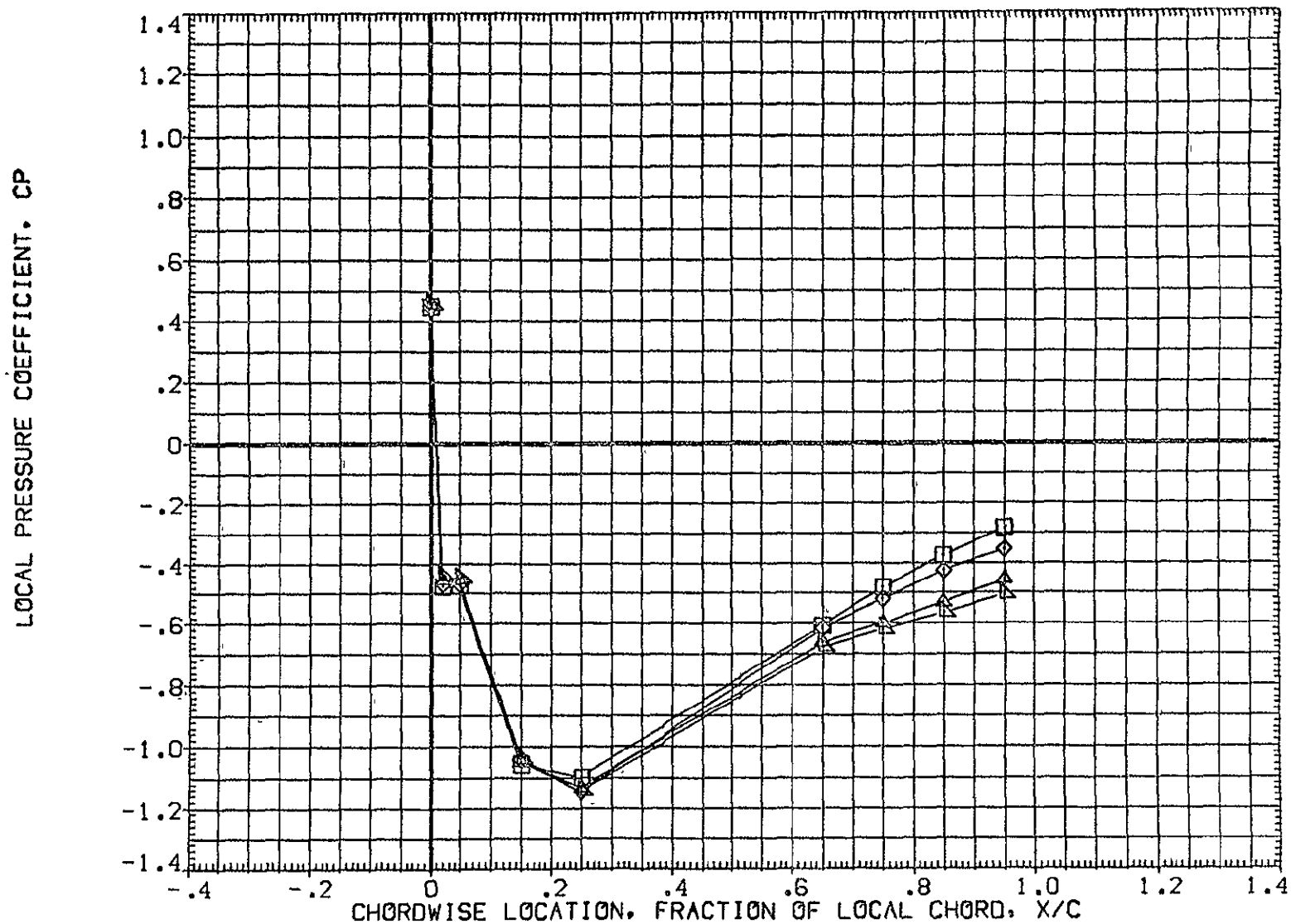


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 6.000 2Y/B = .771 PAGE 644

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U54]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	DATA NOT AVAILABLE	.000	.000	.000	.000
[AF7U50]	DATA NOT AVAILABLE	4.000	4.000	4.000	4.000
[AF7U55]	DATA NOT AVAILABLE	8.000	8.000	8.000	8.000
[AF7U60]	DATA NOT AVAILABLE	8.000	12.000	12.000	12.000

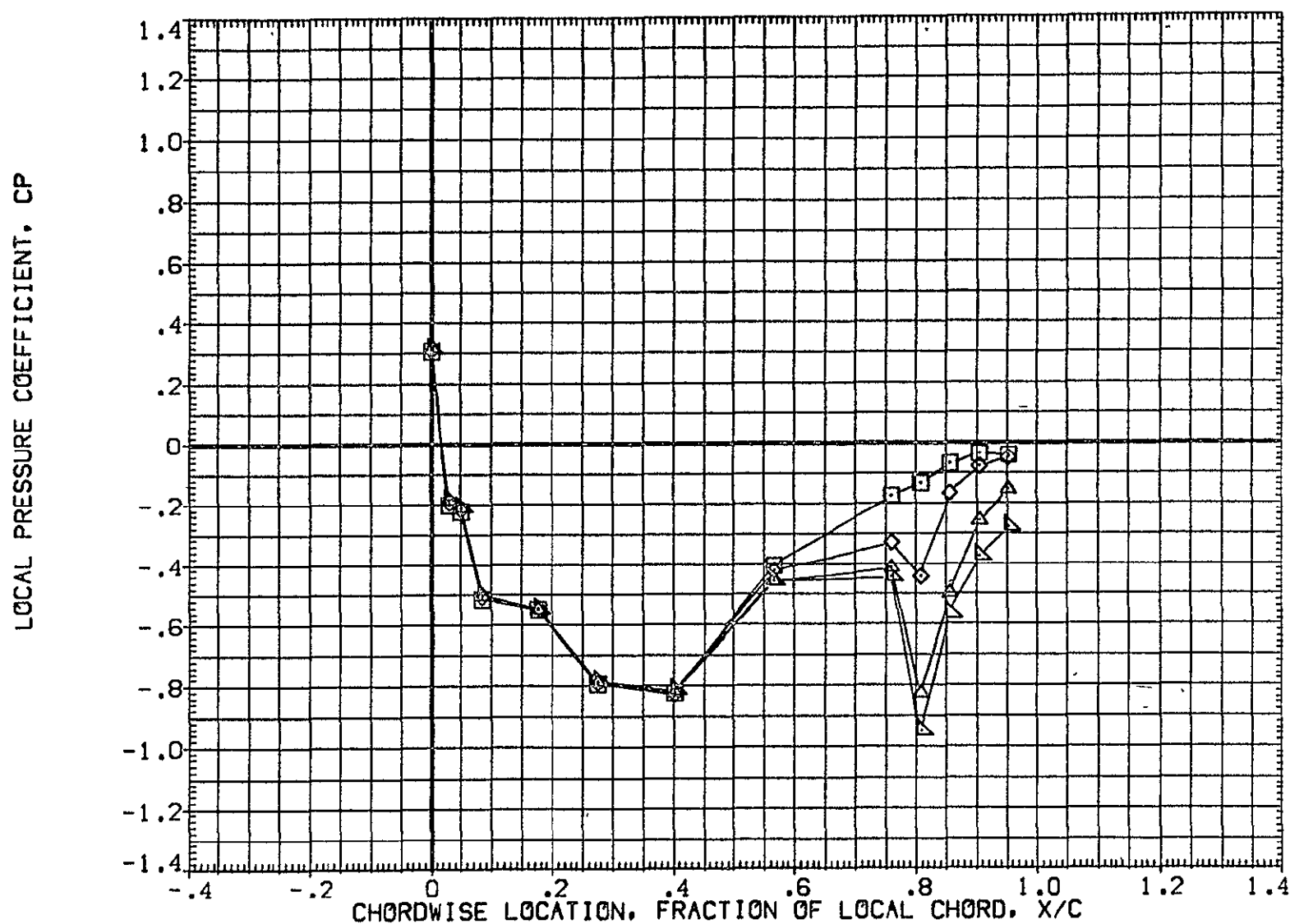


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 8.000 2Y/B = .436 PAGE 645

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

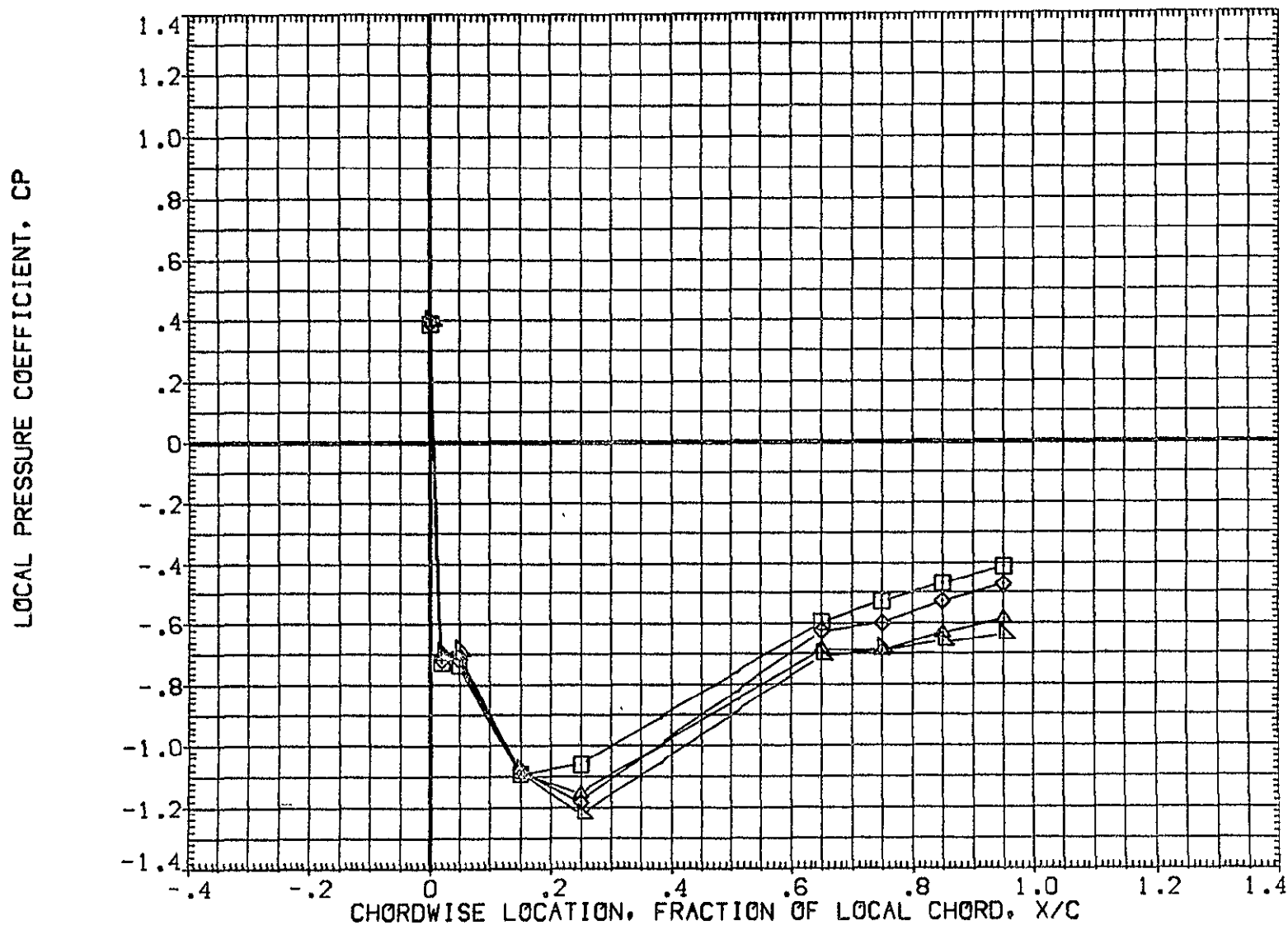


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

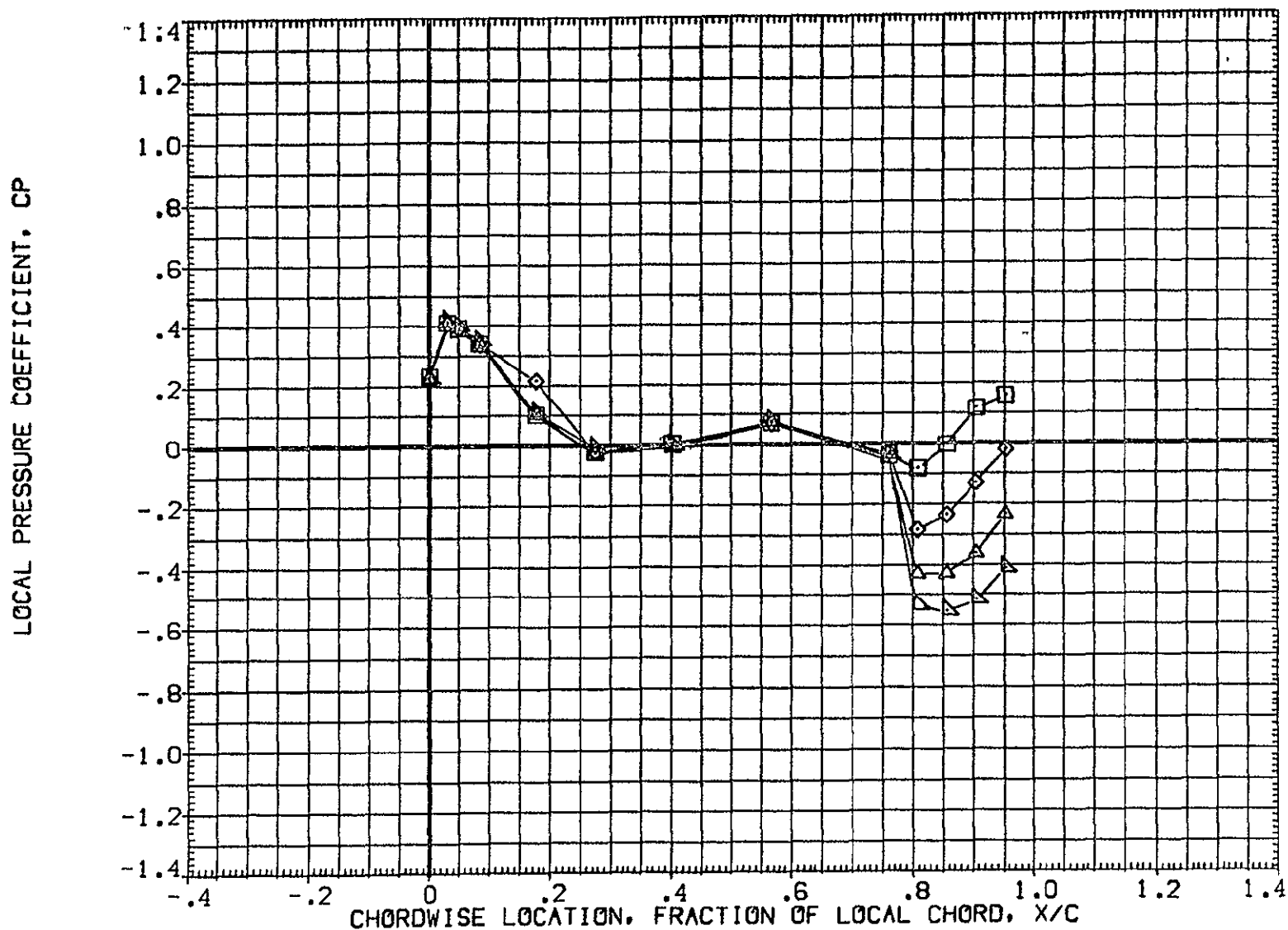


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

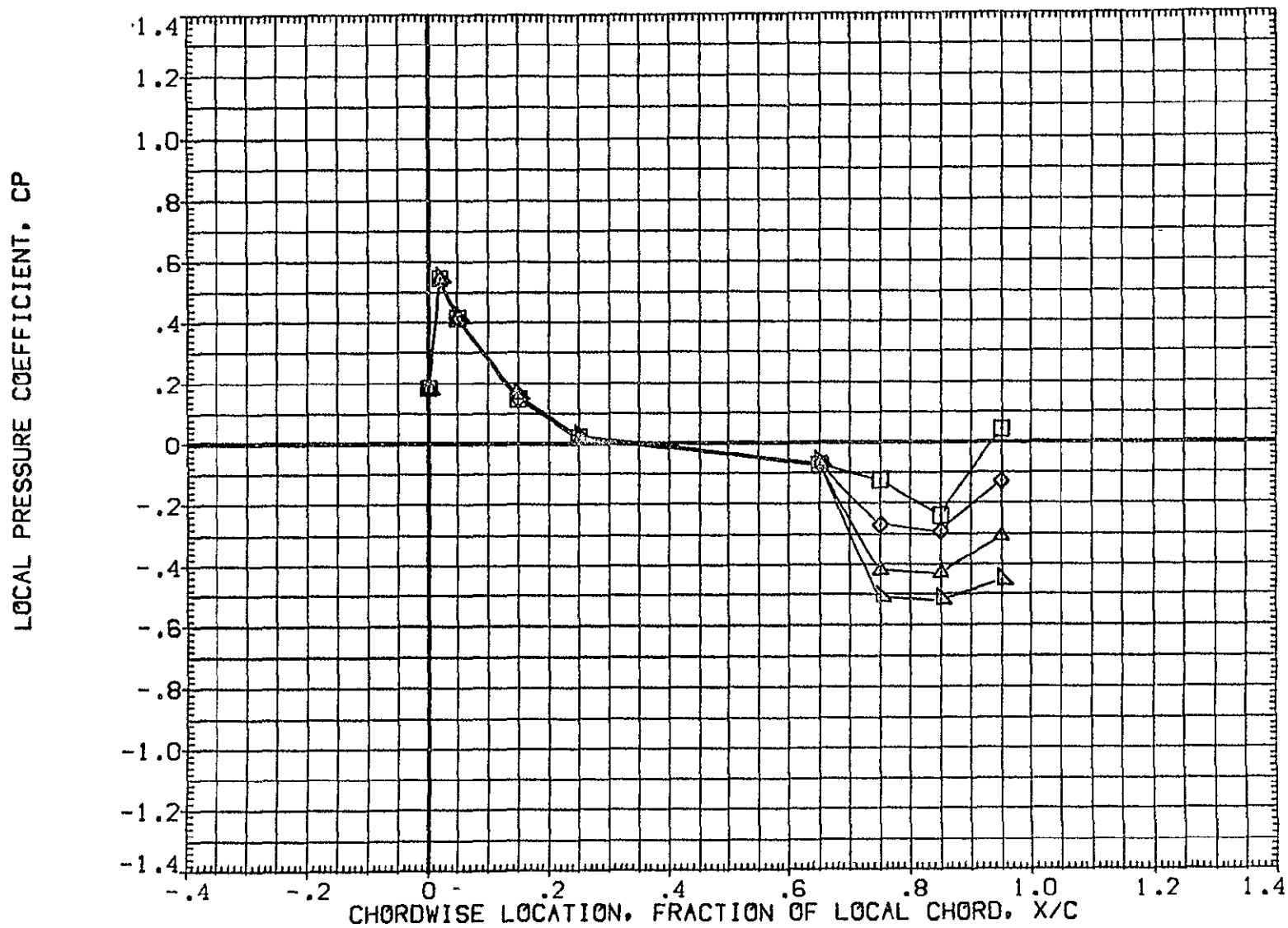


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -8.000 2Y/B = .771 PAGE 648

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

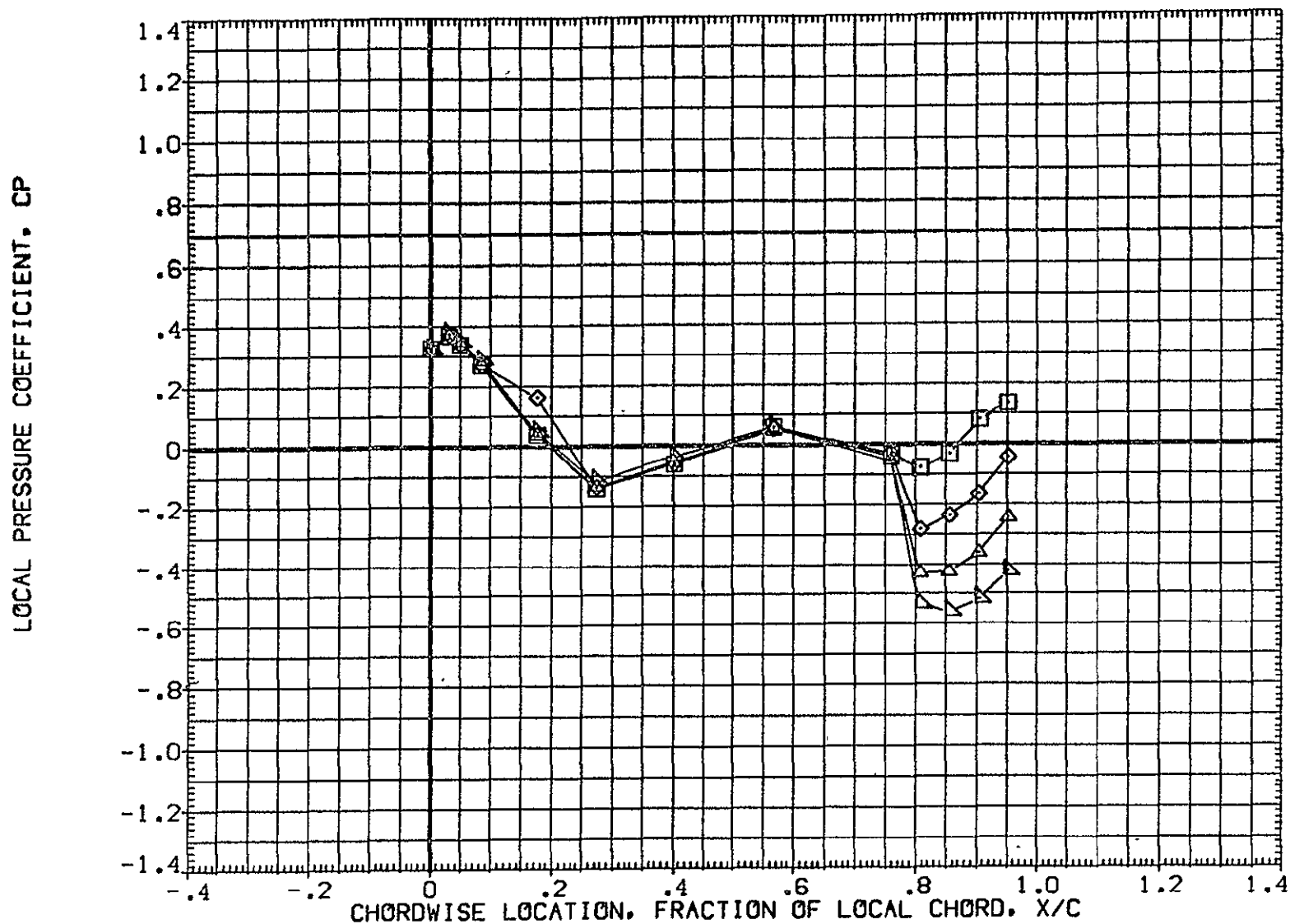


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000 2Y/B = .436 PAGE 649

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

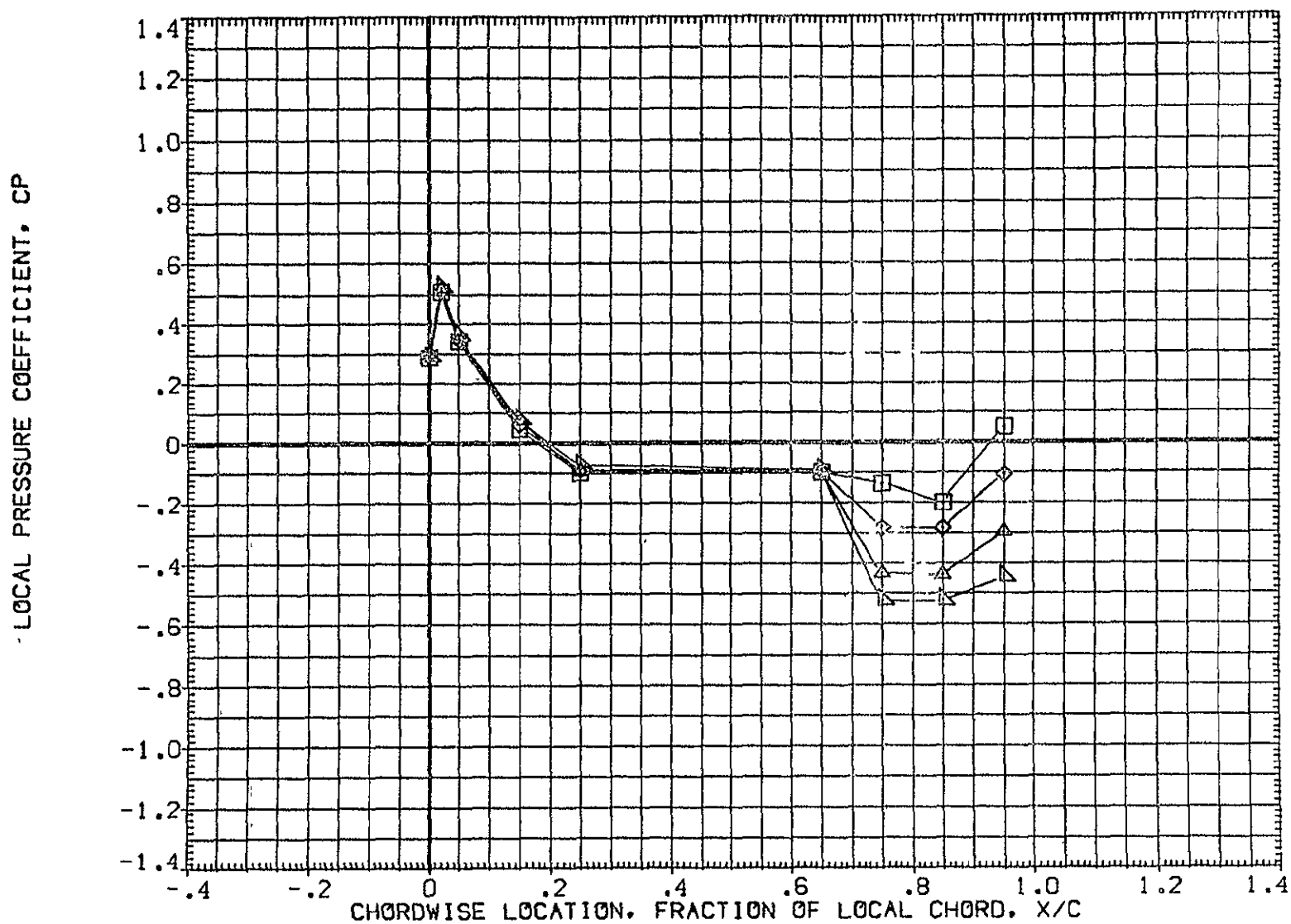


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -6.000 2Y/B = .771 PAGE 650

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

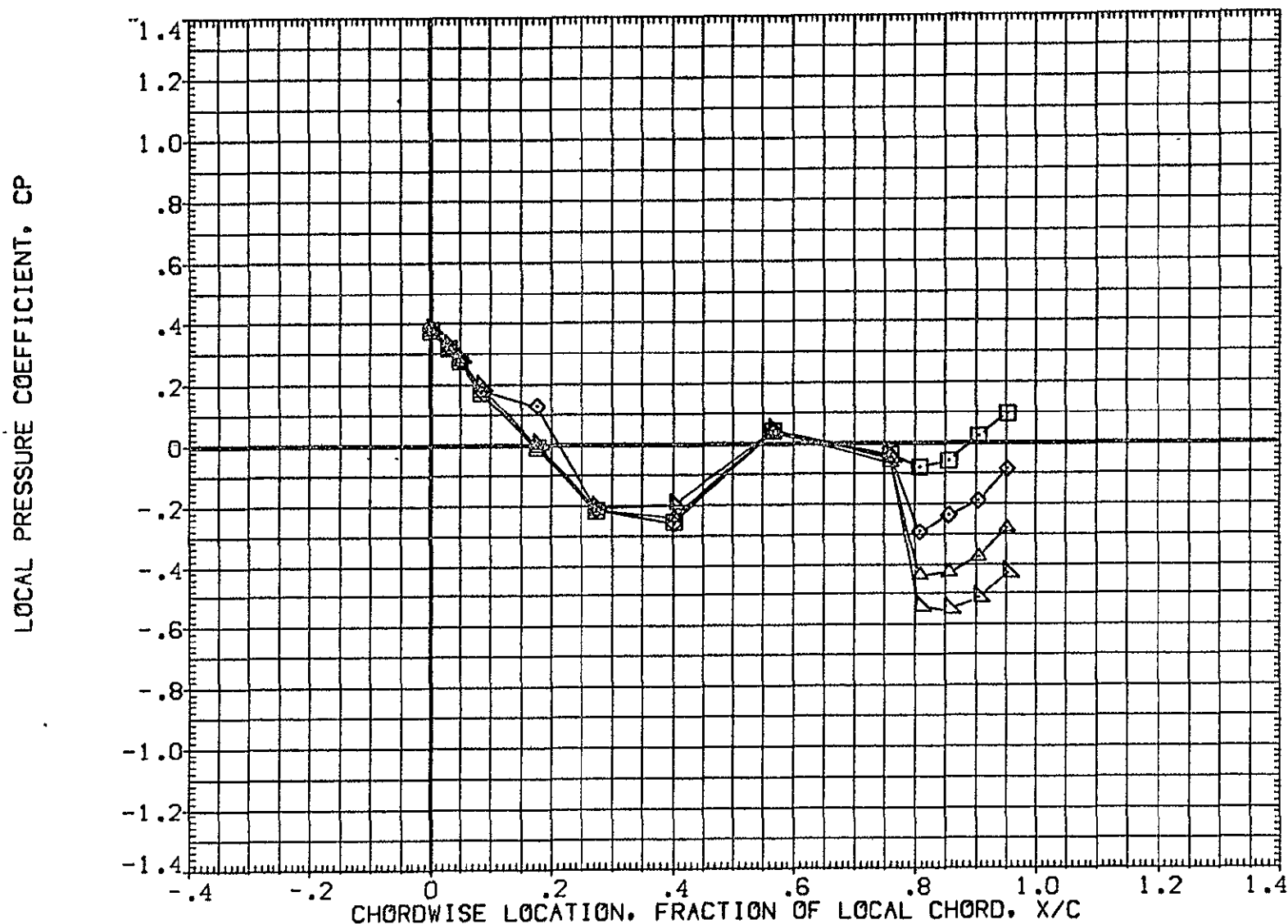


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	9.000	12.000	12.000	12.000

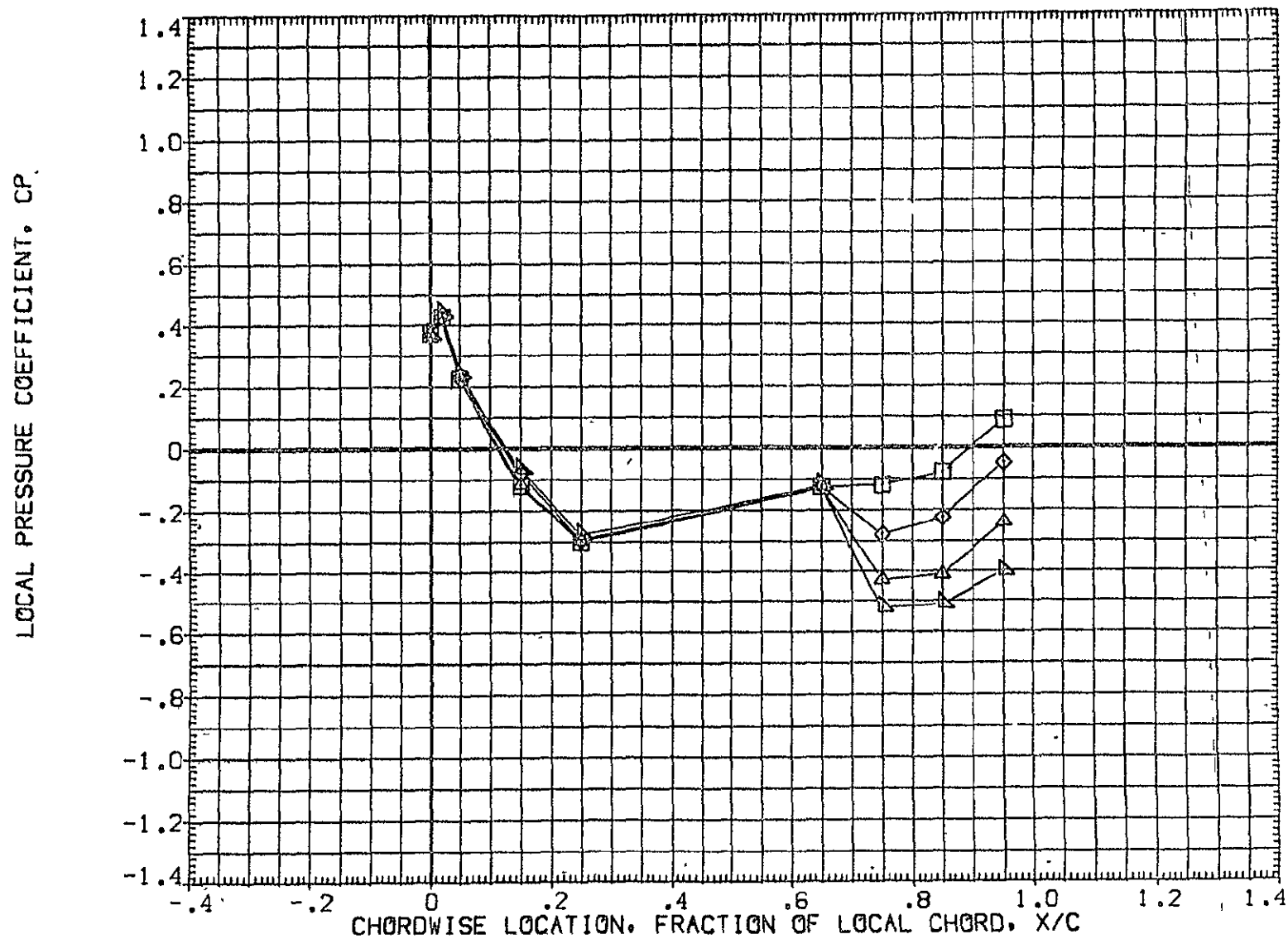
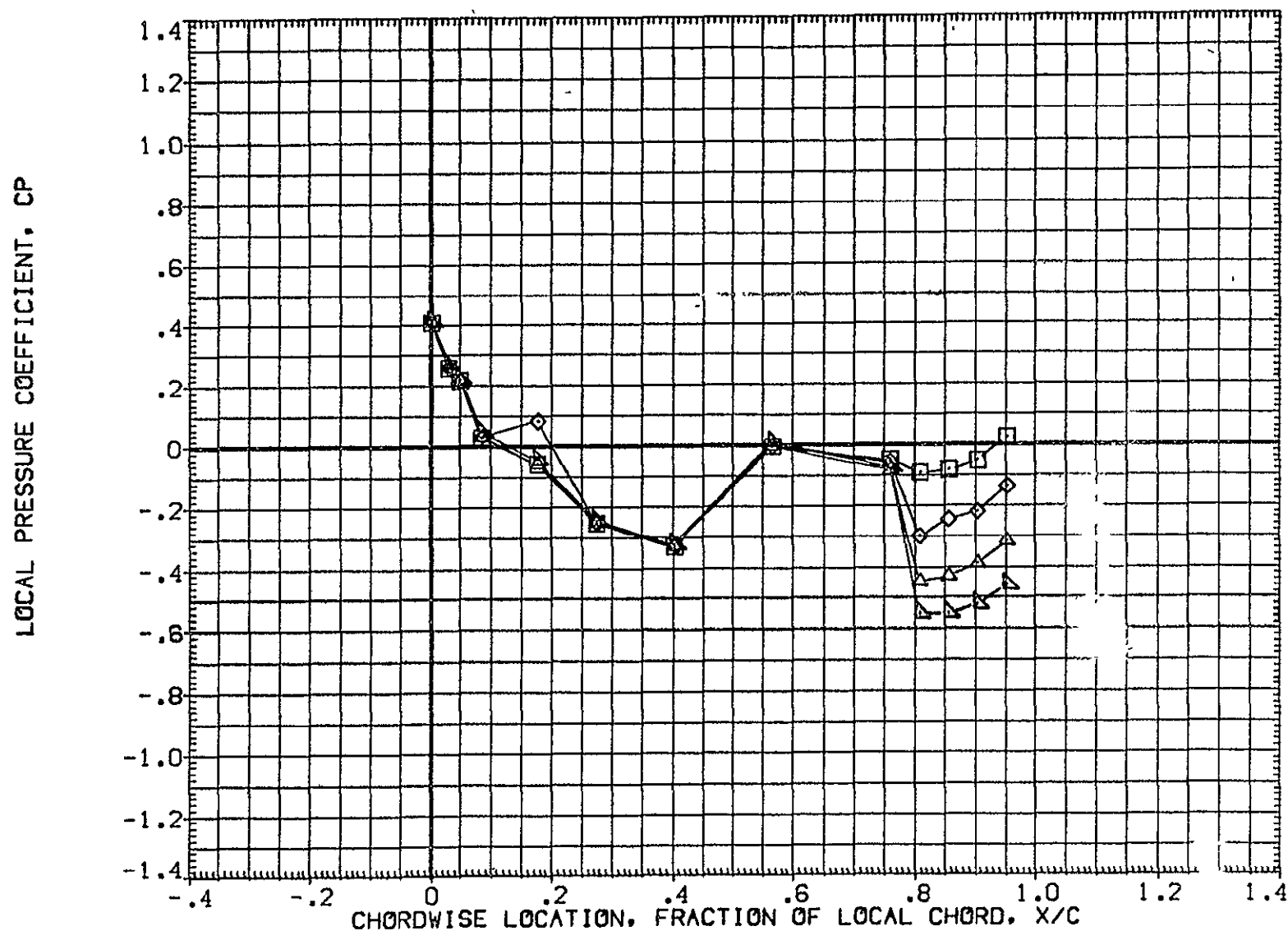


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -4.000 2Y/B = .771 PAGE 652

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7UG4]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = 0$ 

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

AF7064)	DATA NOT AVAILABLE					-4.000	.000	-4.000	-4.000		
AF7045)	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	.000	.000	.000	.000
AF7050)	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
AF7055)	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
AF7060)	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

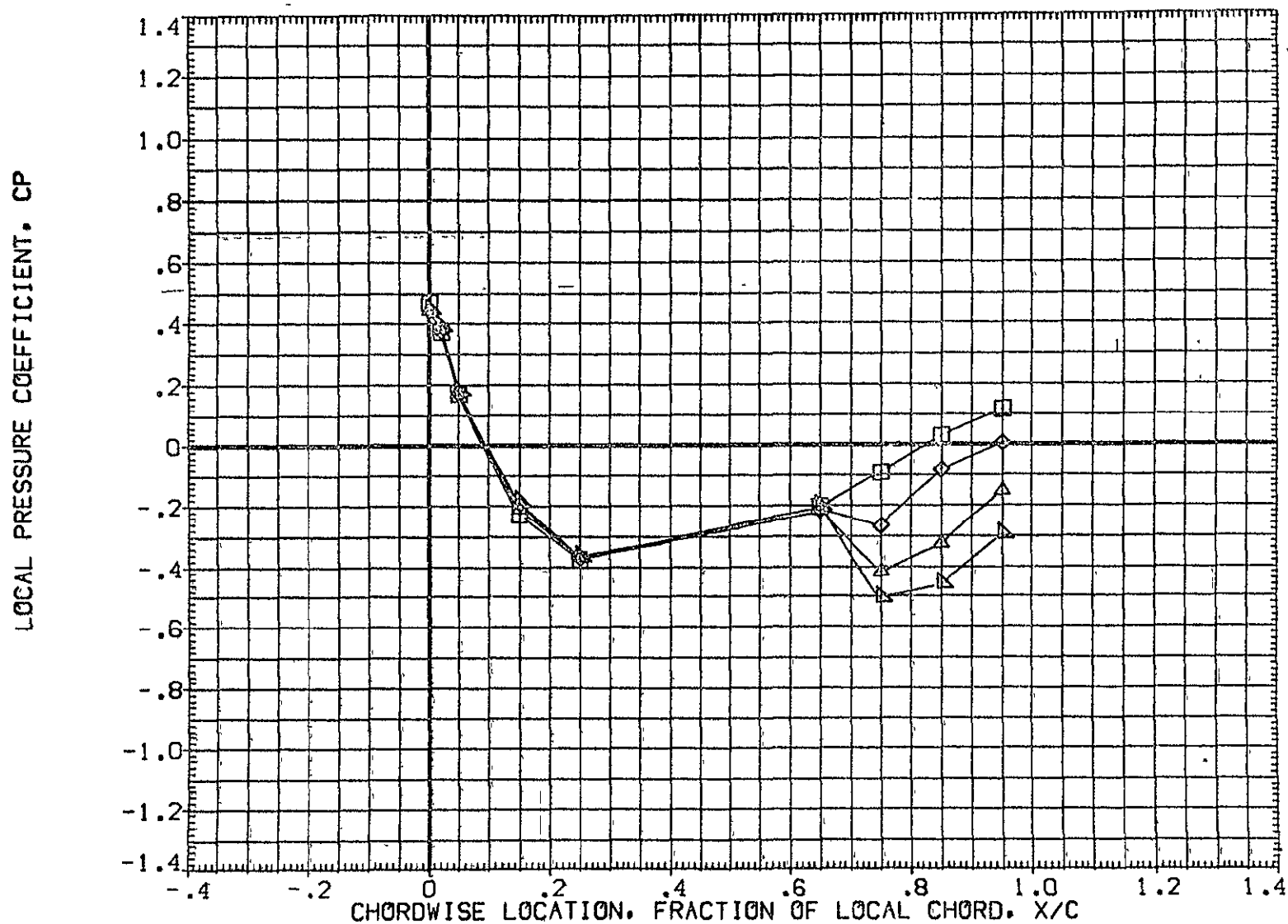


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120    ALPHA = -2.000    2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

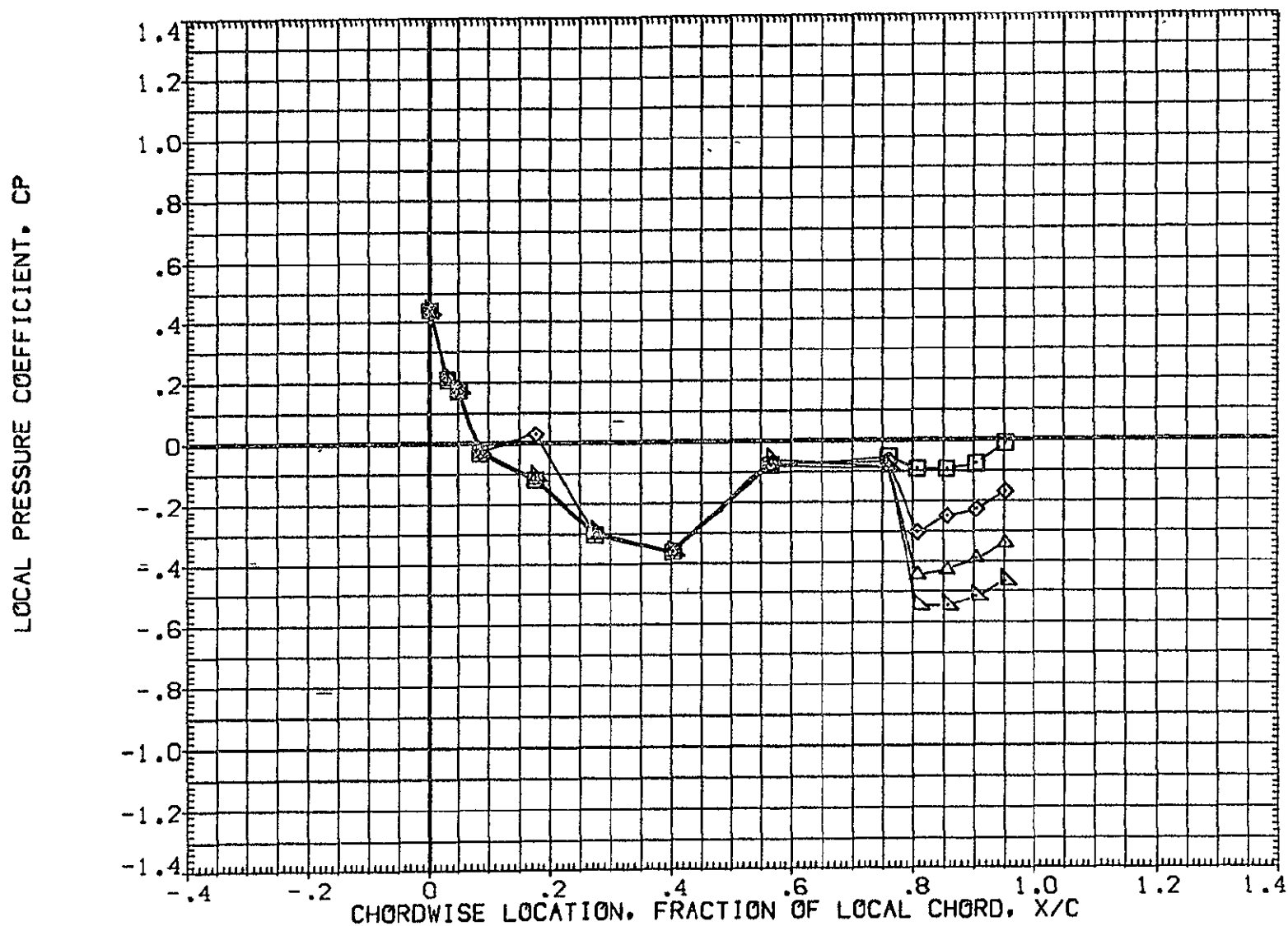


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

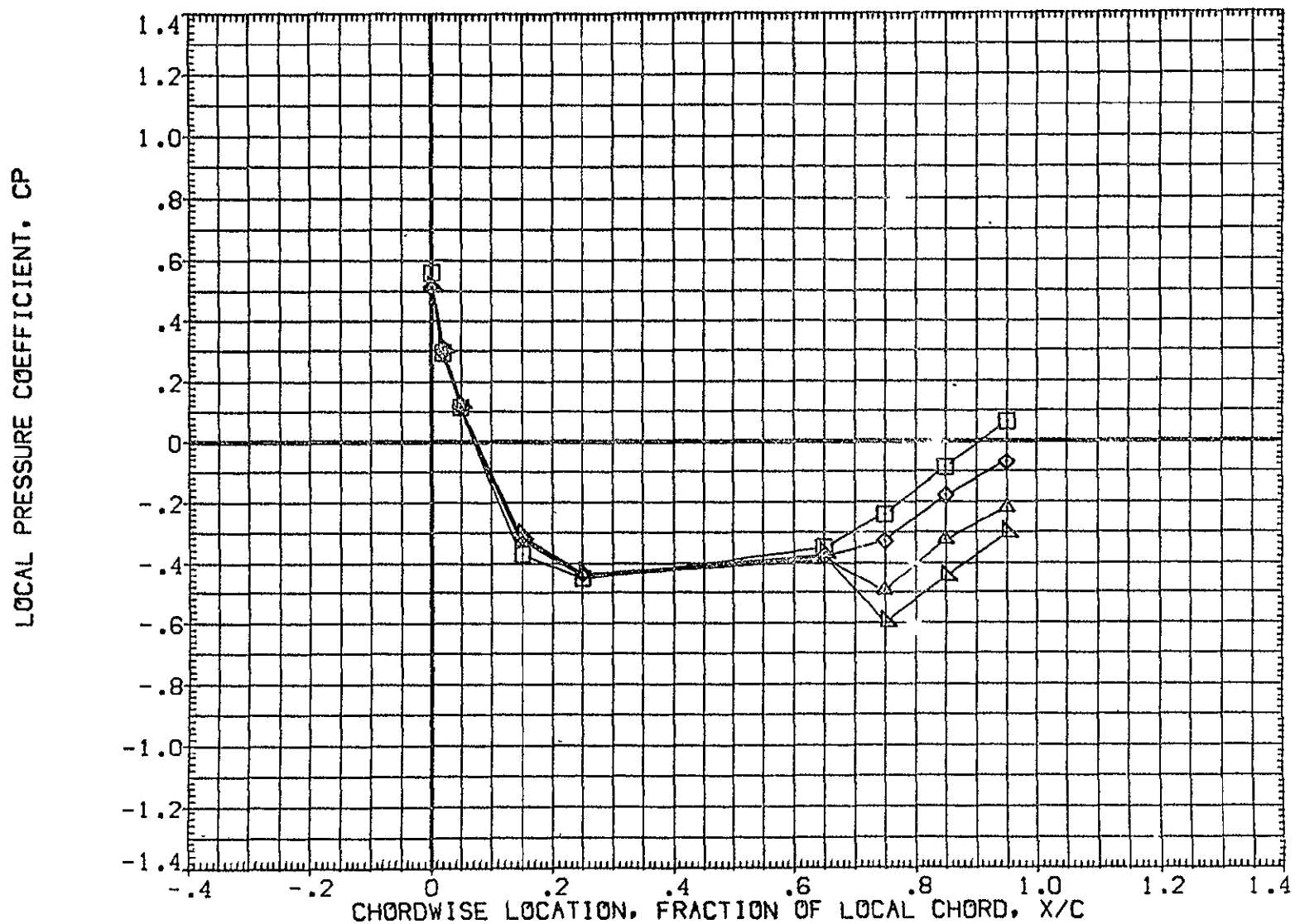


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 Q1 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 Q1 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 Q1 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 Q1 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

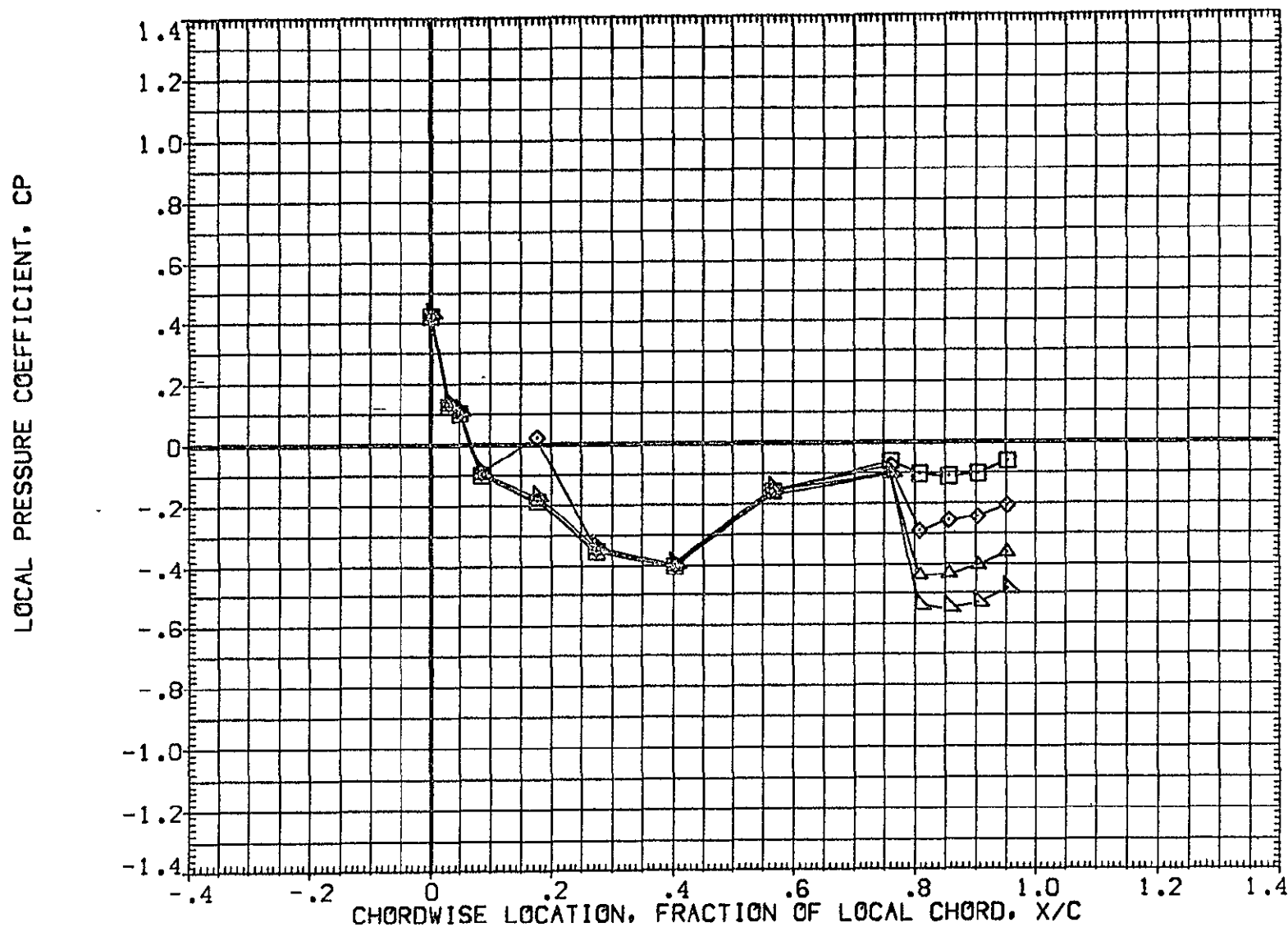


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
{AF7U64}	DATA NOT AVAILABLE
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

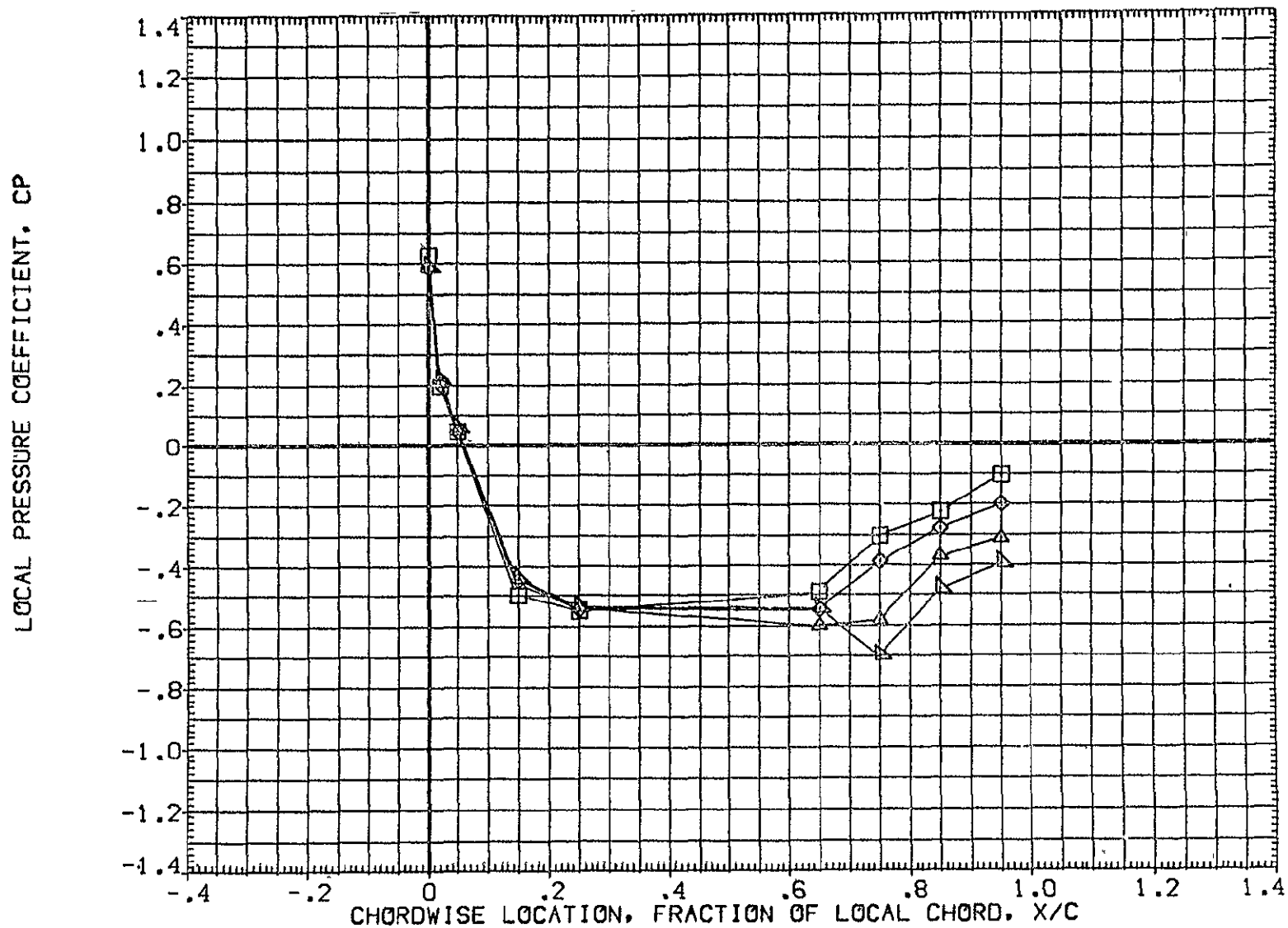


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U54}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	DATA NOT AVAILABLE	.000	.000	.000	.000
{AF7U50}	DATA NOT AVAILABLE	4.000	4.000	4.000	4.000
{AF7U55}	DATA NOT AVAILABLE	8.000	8.000	8.000	8.000
{AF7U60}	DATA NOT AVAILABLE	8.000	12.000	12.000	12.000

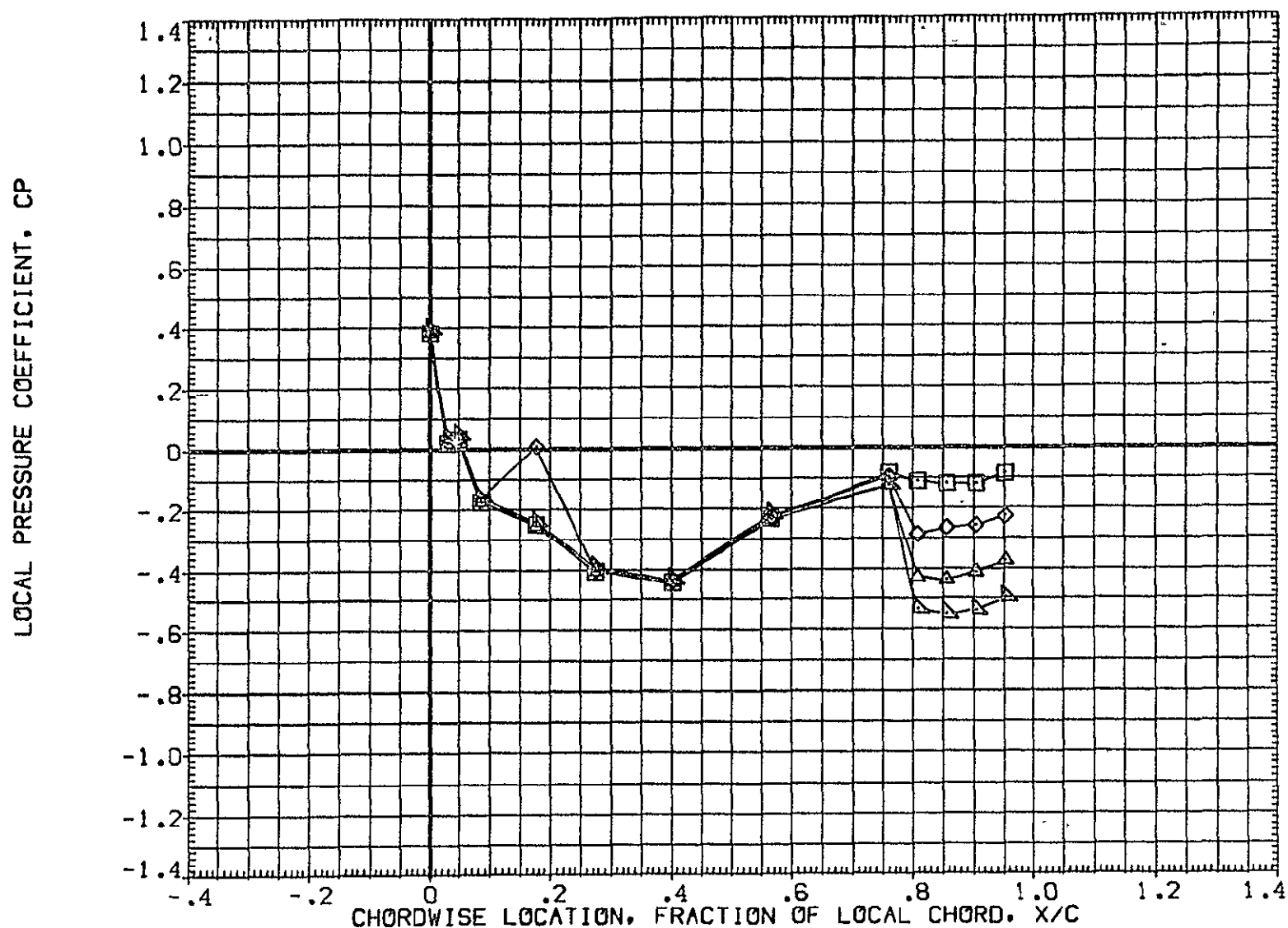


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
{AF7U64}	DATA NOT AVAILABLE
{AF7U45}	1A7D 01 T12 S1 P2 P8 WING UPPER SURFACE
{AF7U50}	1A7D 01 T12 S1 P2 P8 WING UPPER SURFACE
{AF7U55}	1A7D 01 T12 S1 P2 P8 WING UPPER SURFACE
{AF7U60}	1A7D 01 T12 S1 P2 P8 WING UPPER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

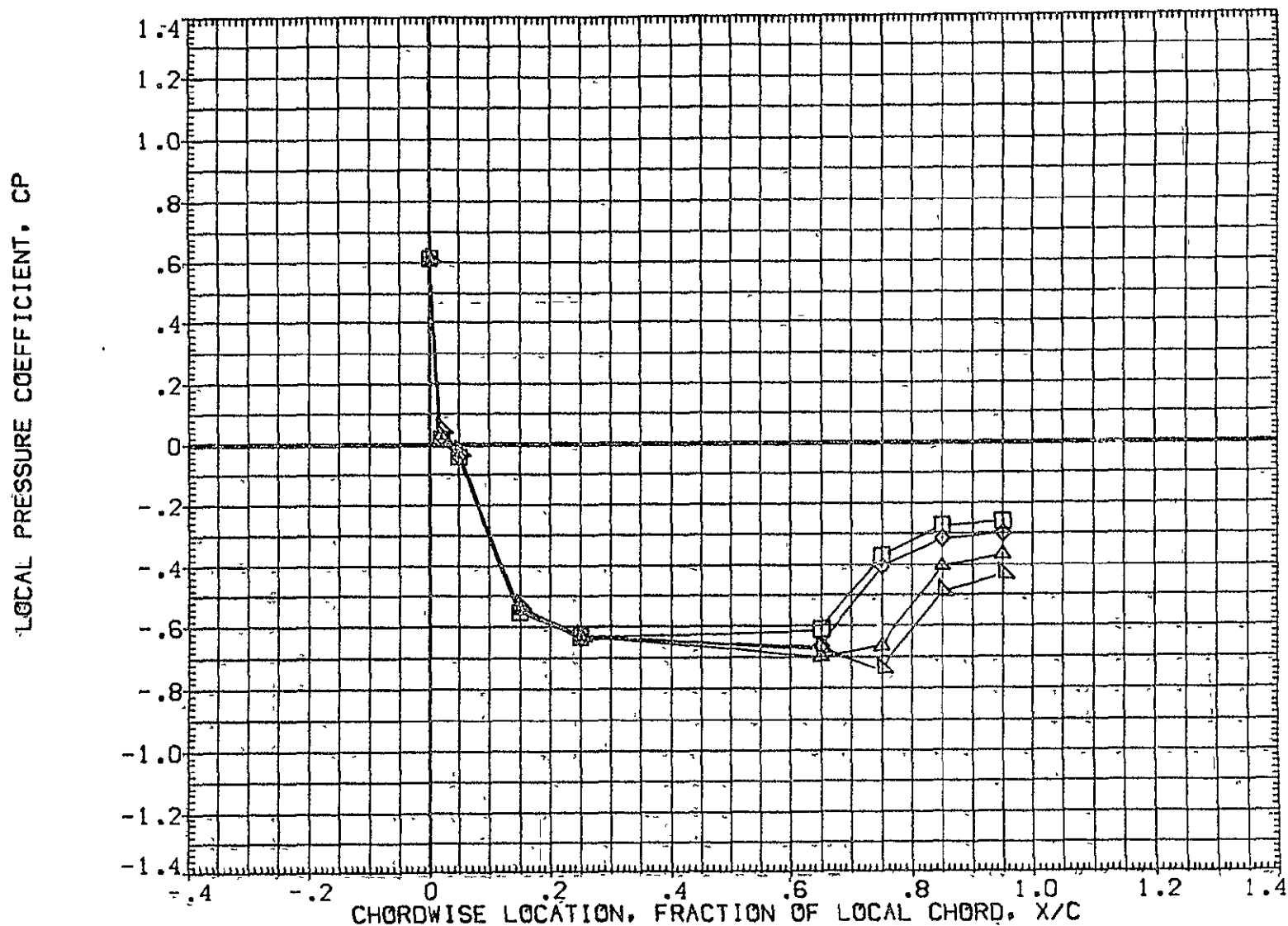


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	VING UPPER SURFACE				

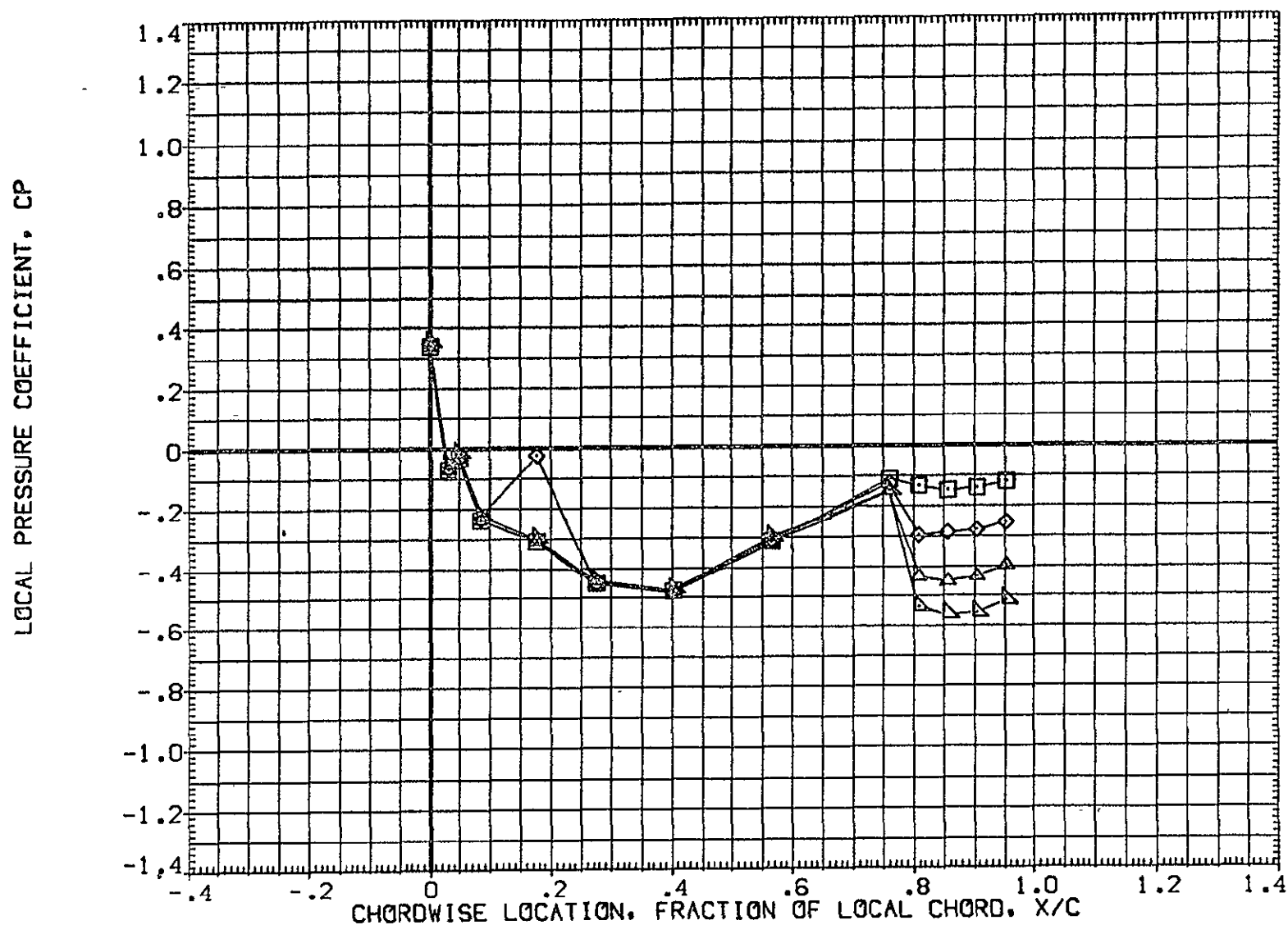


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .436 PAGE 661

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

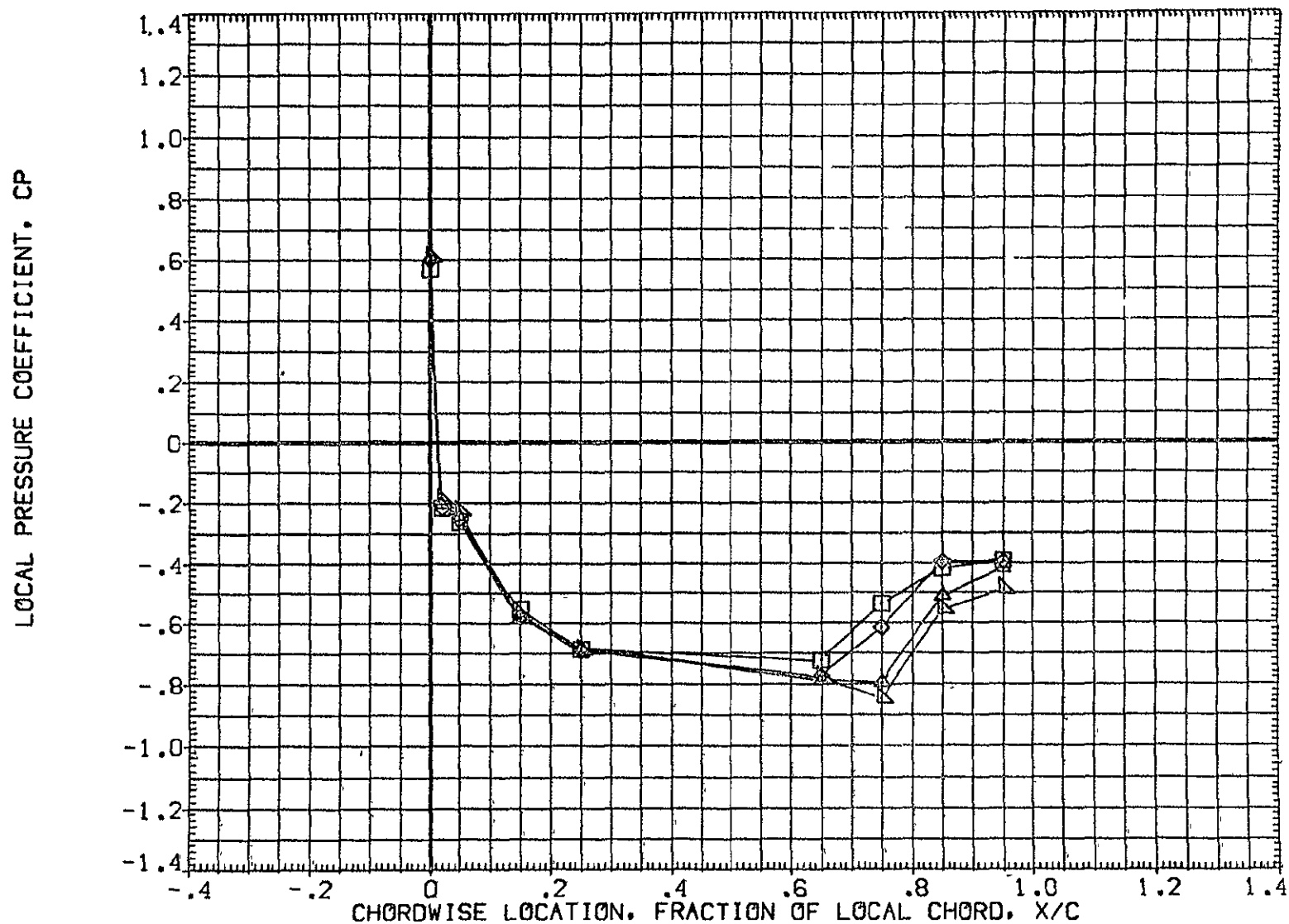


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

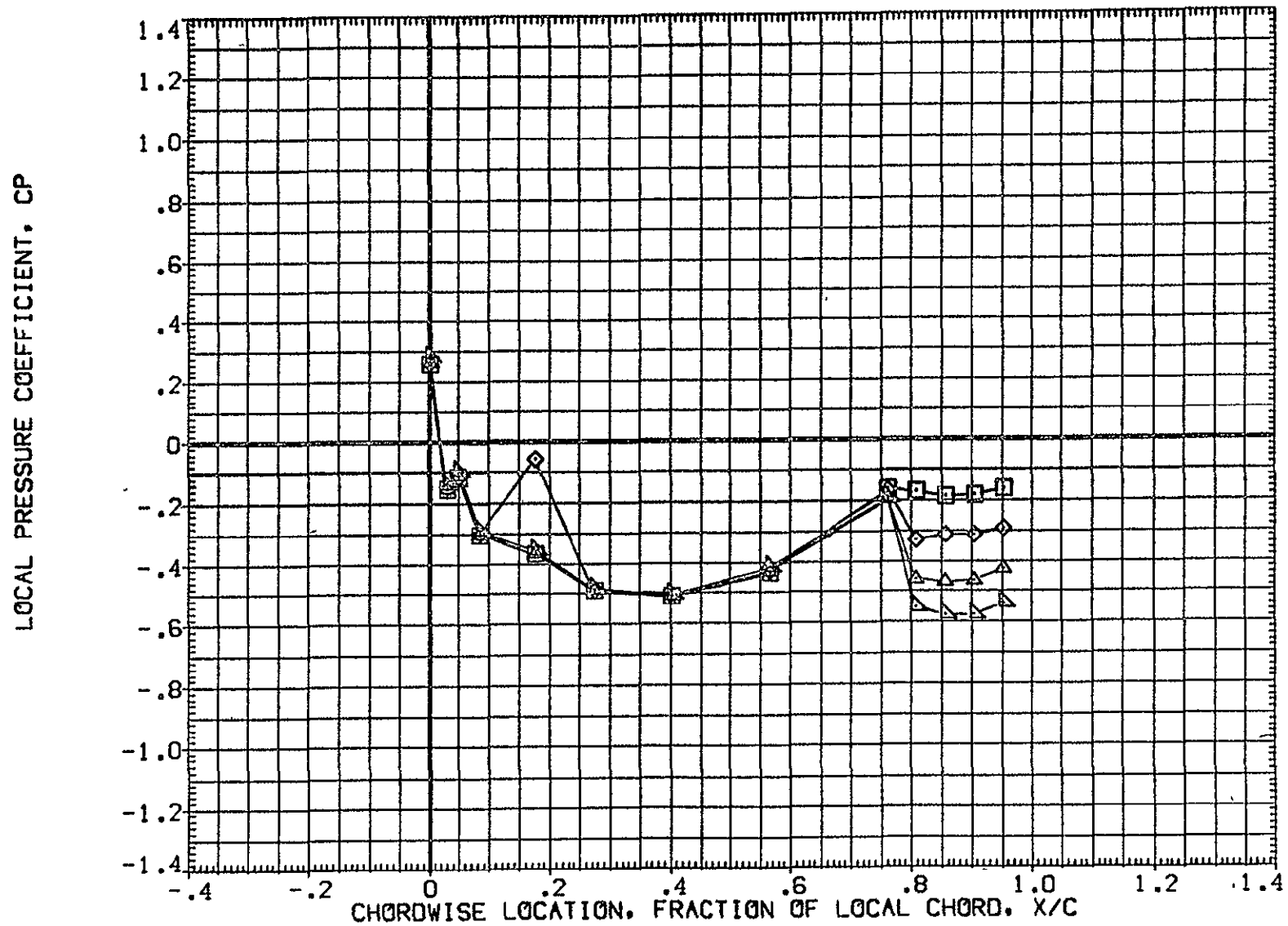


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

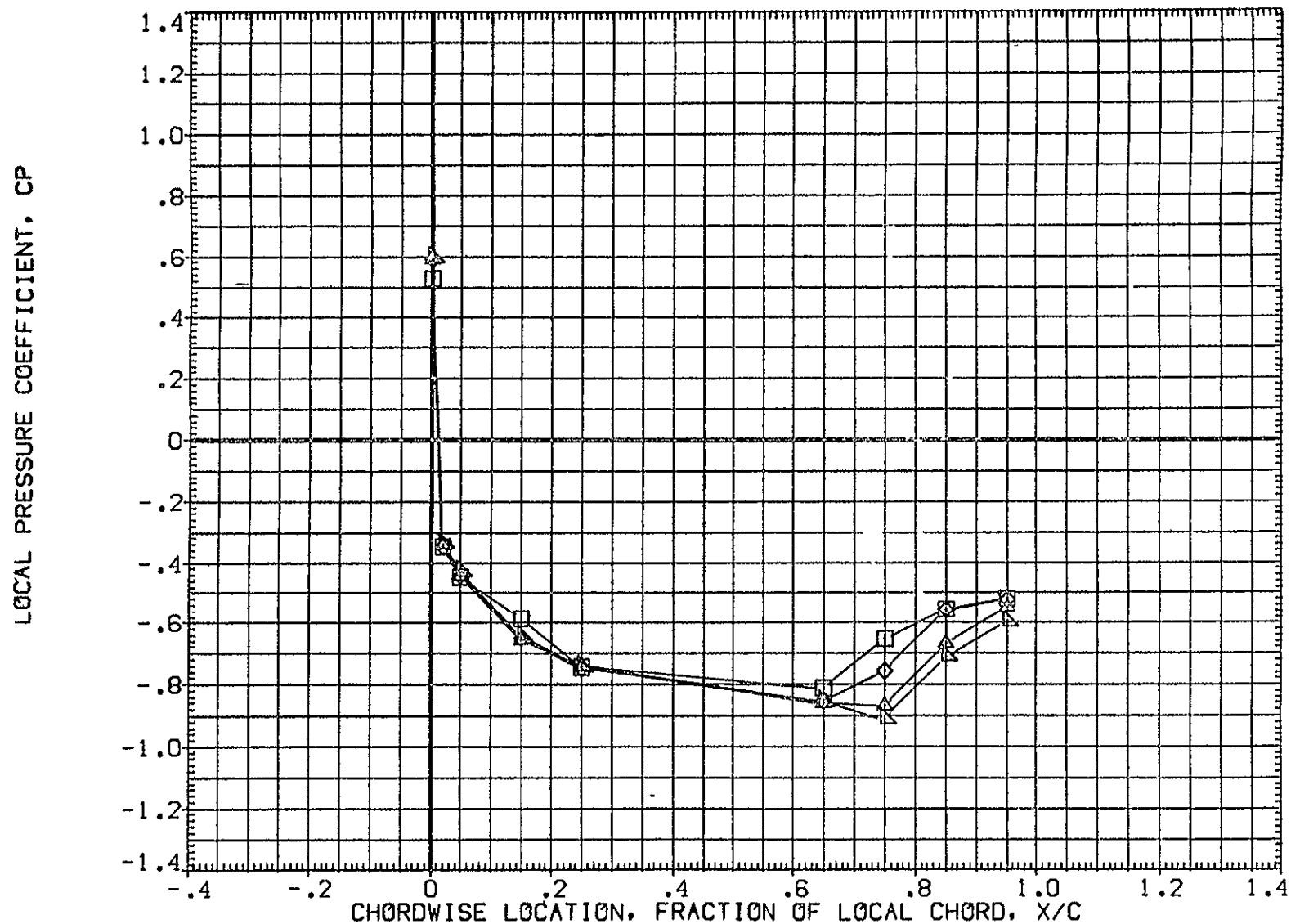


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .771 PAGE 664

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

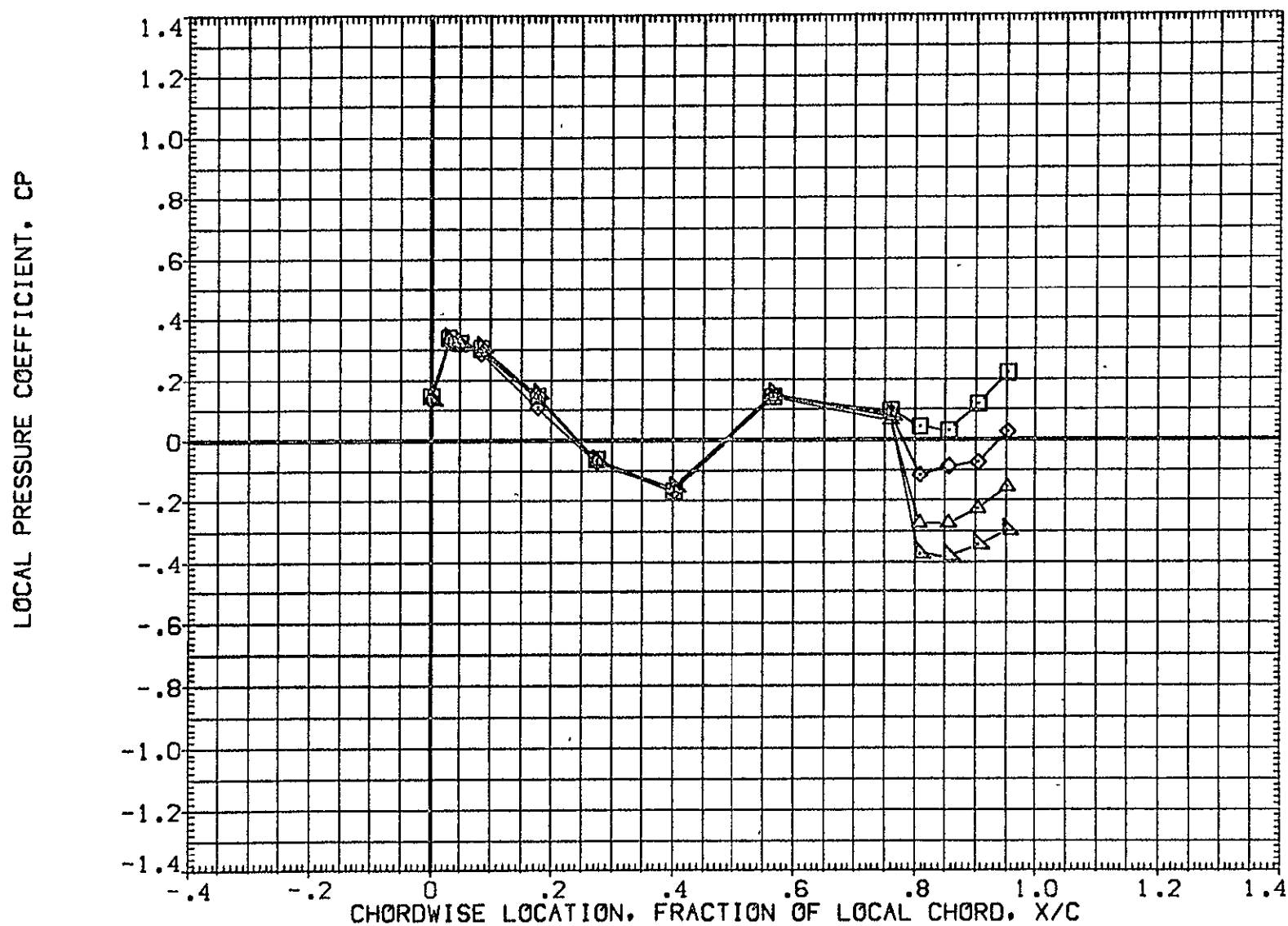


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

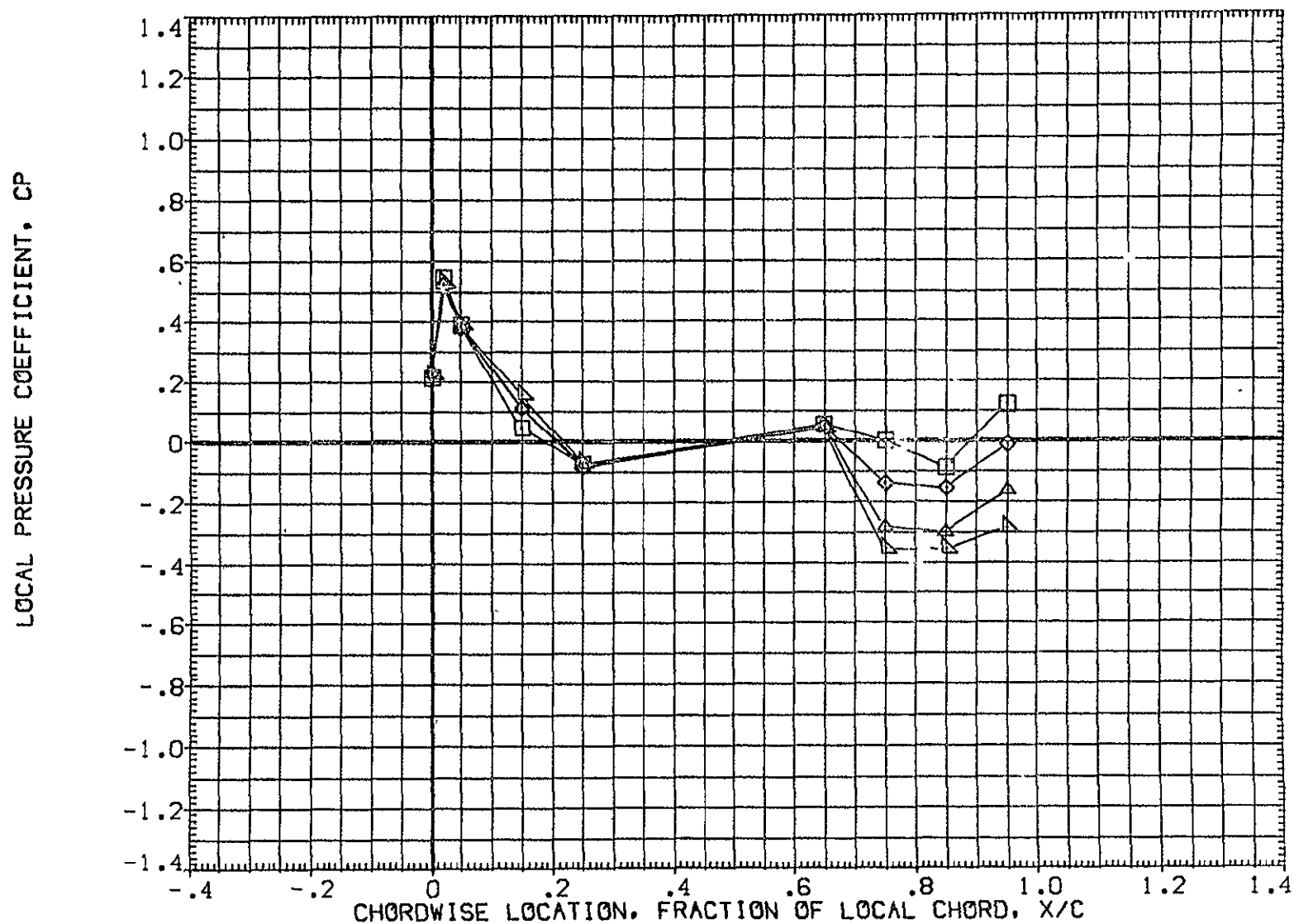


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

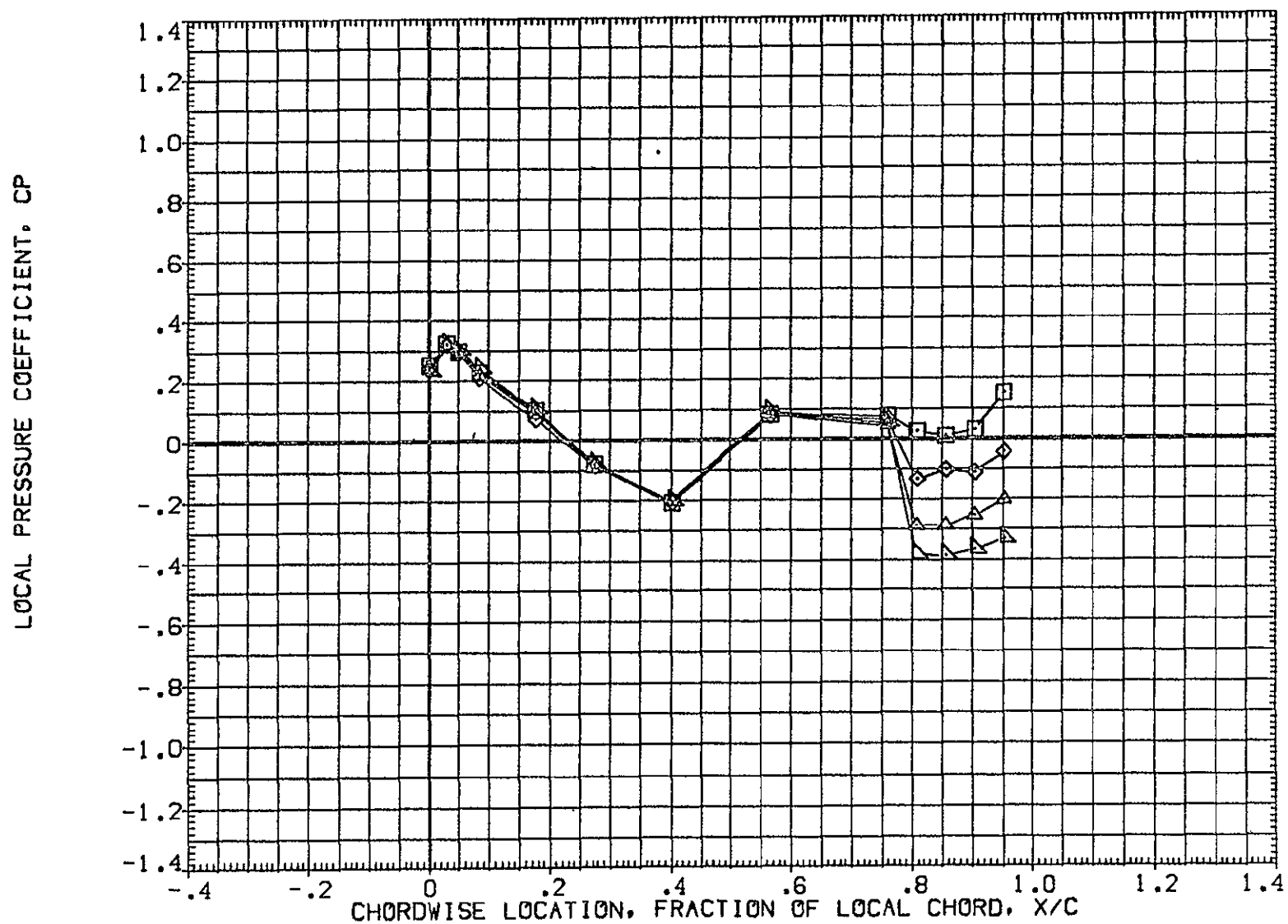


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

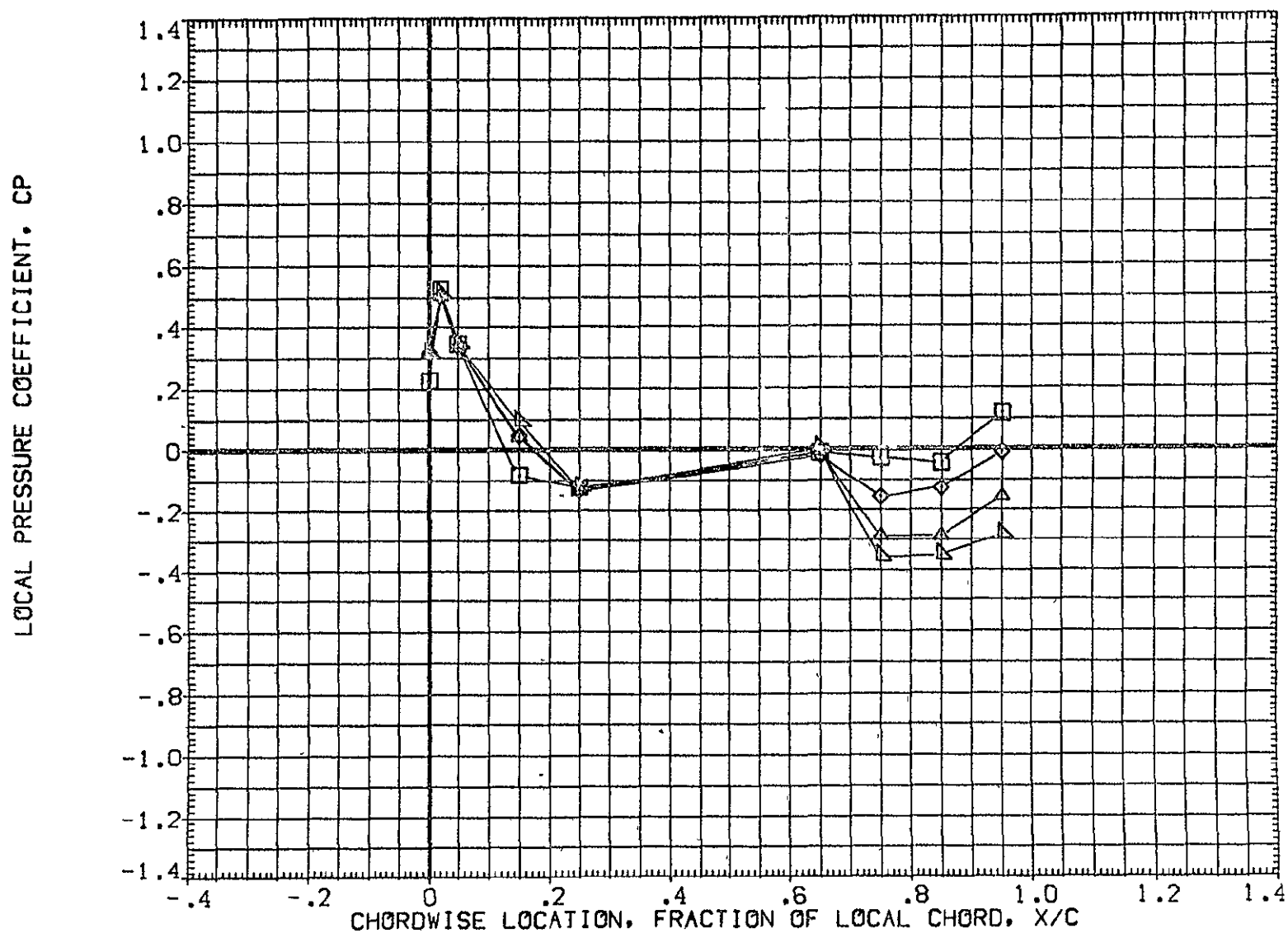


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -6.000 2Y/B = .771 PAGE 668

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

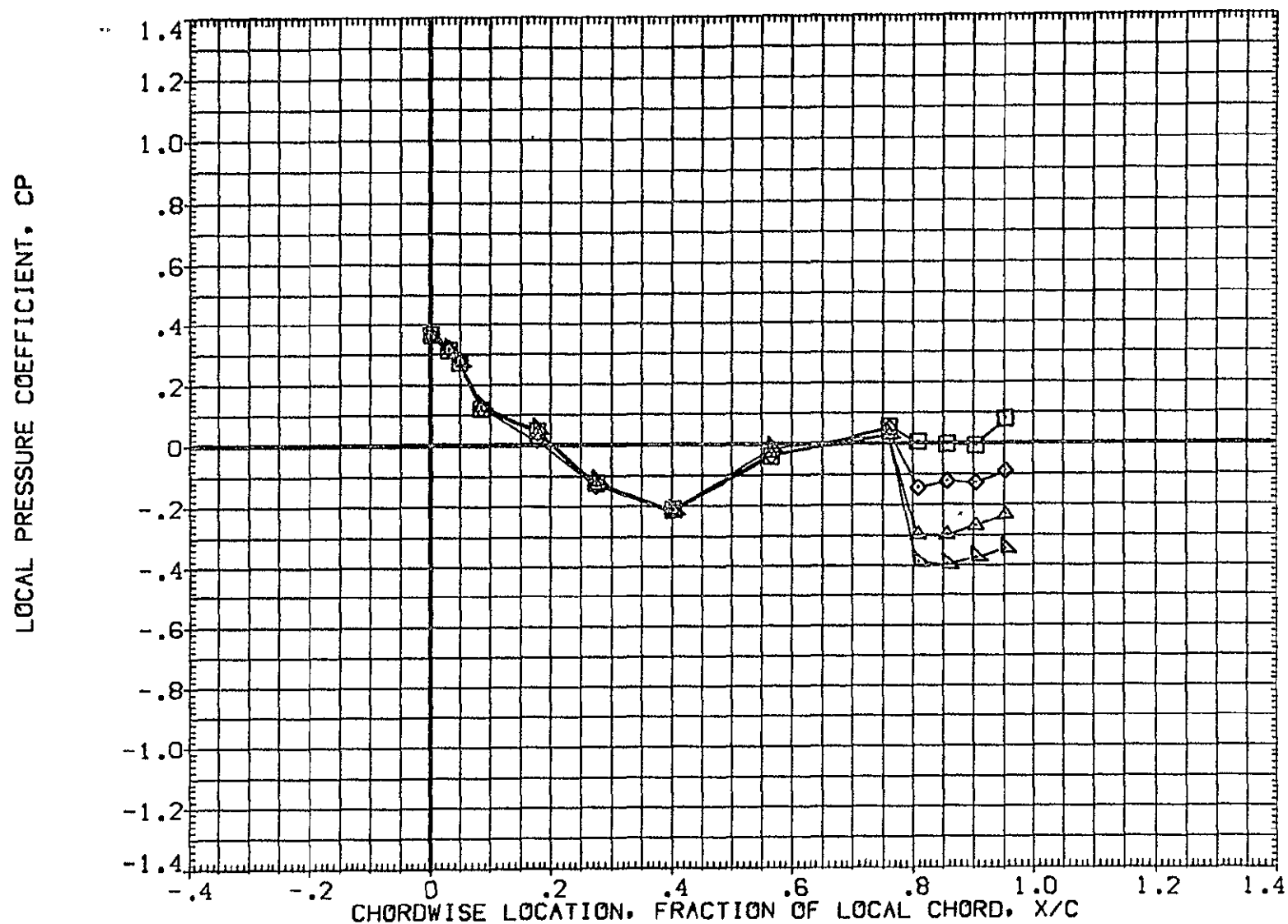


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 669

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	VING UPPER SURFACE				
	VING UPPER SURFACE				
	VING UPPER SURFACE				
	VING UPPER SURFACE				

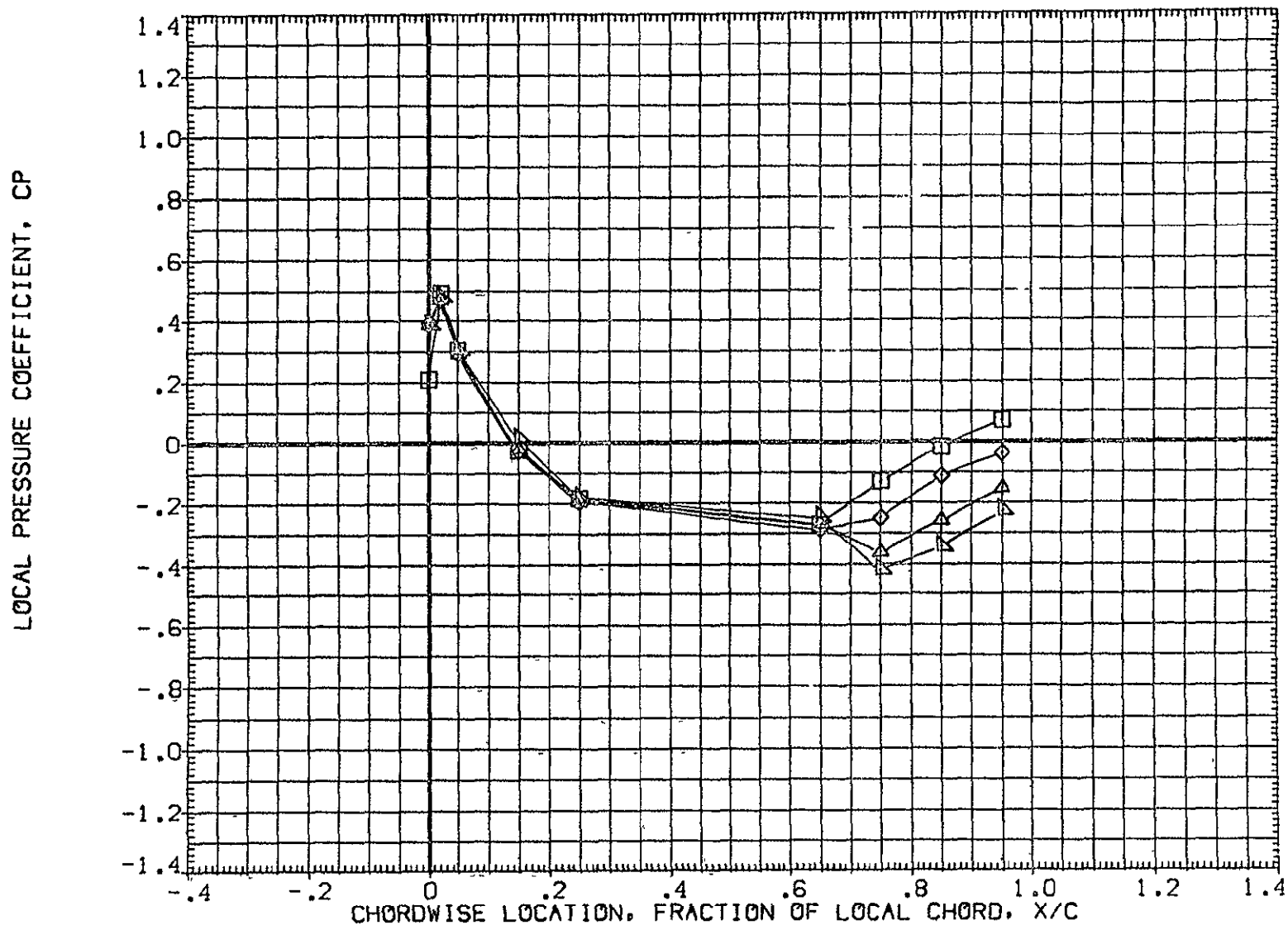


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

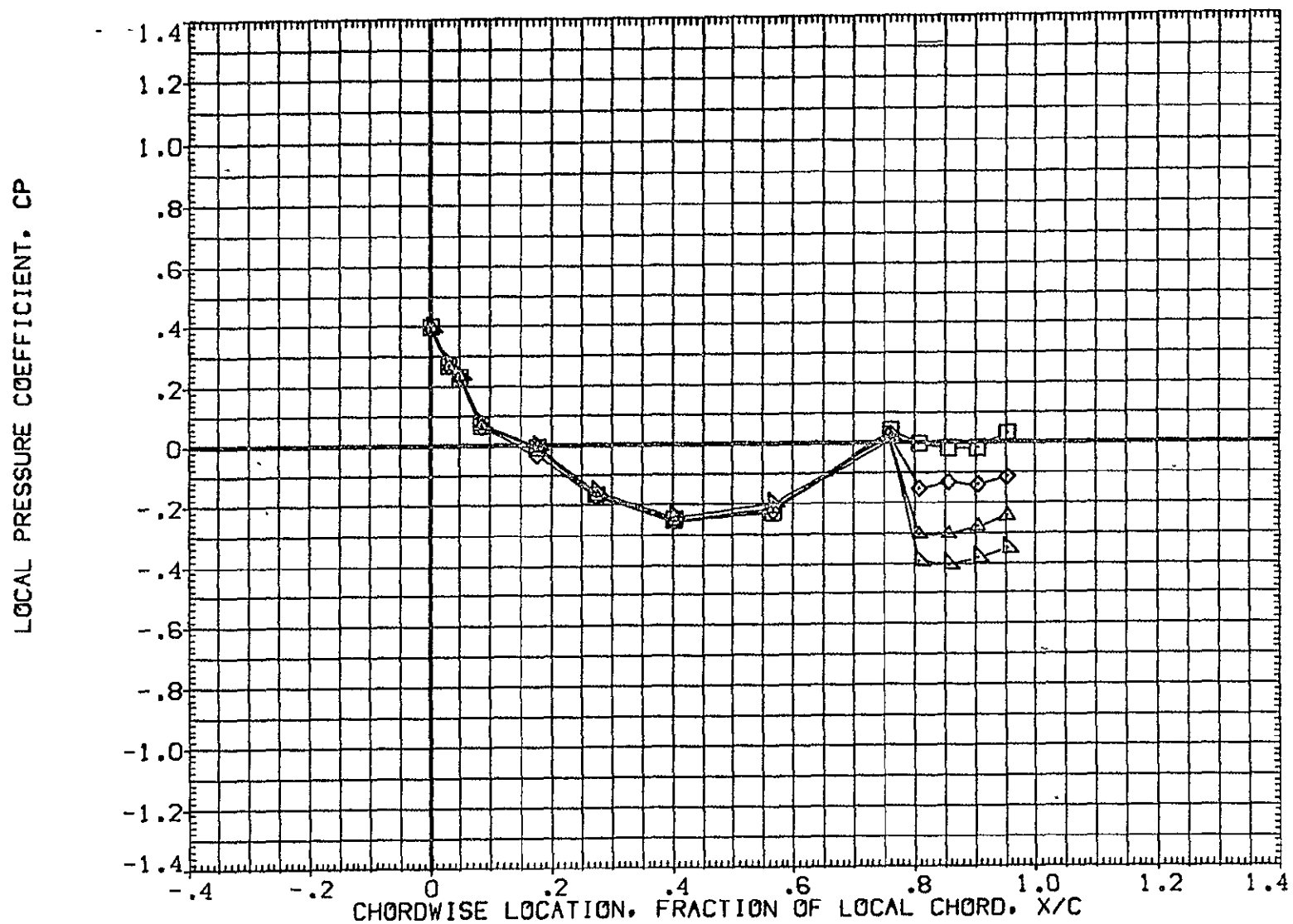


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 671



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

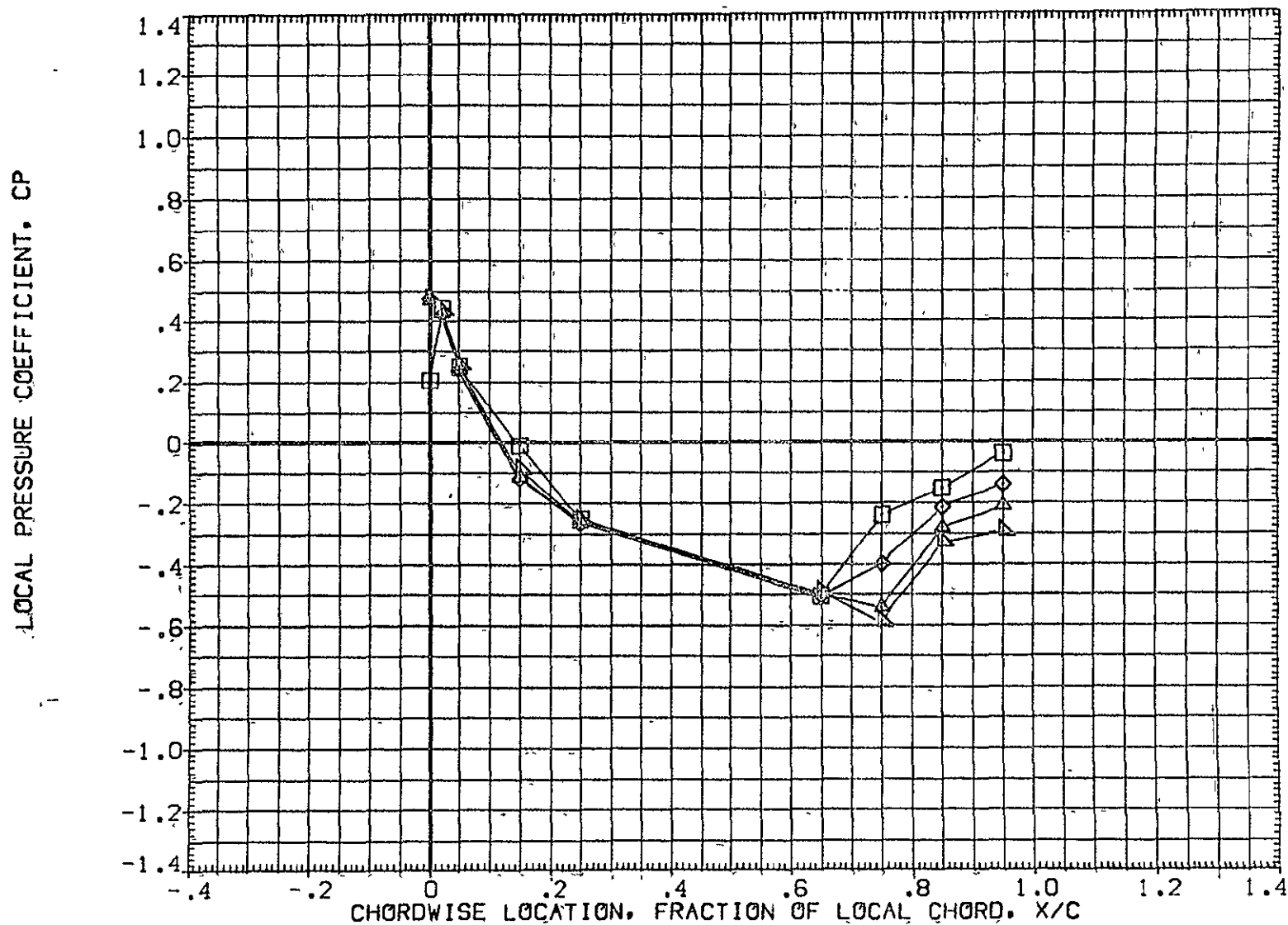


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -2.000 2Y/B = .771 PAGE 672

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U50}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U60}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

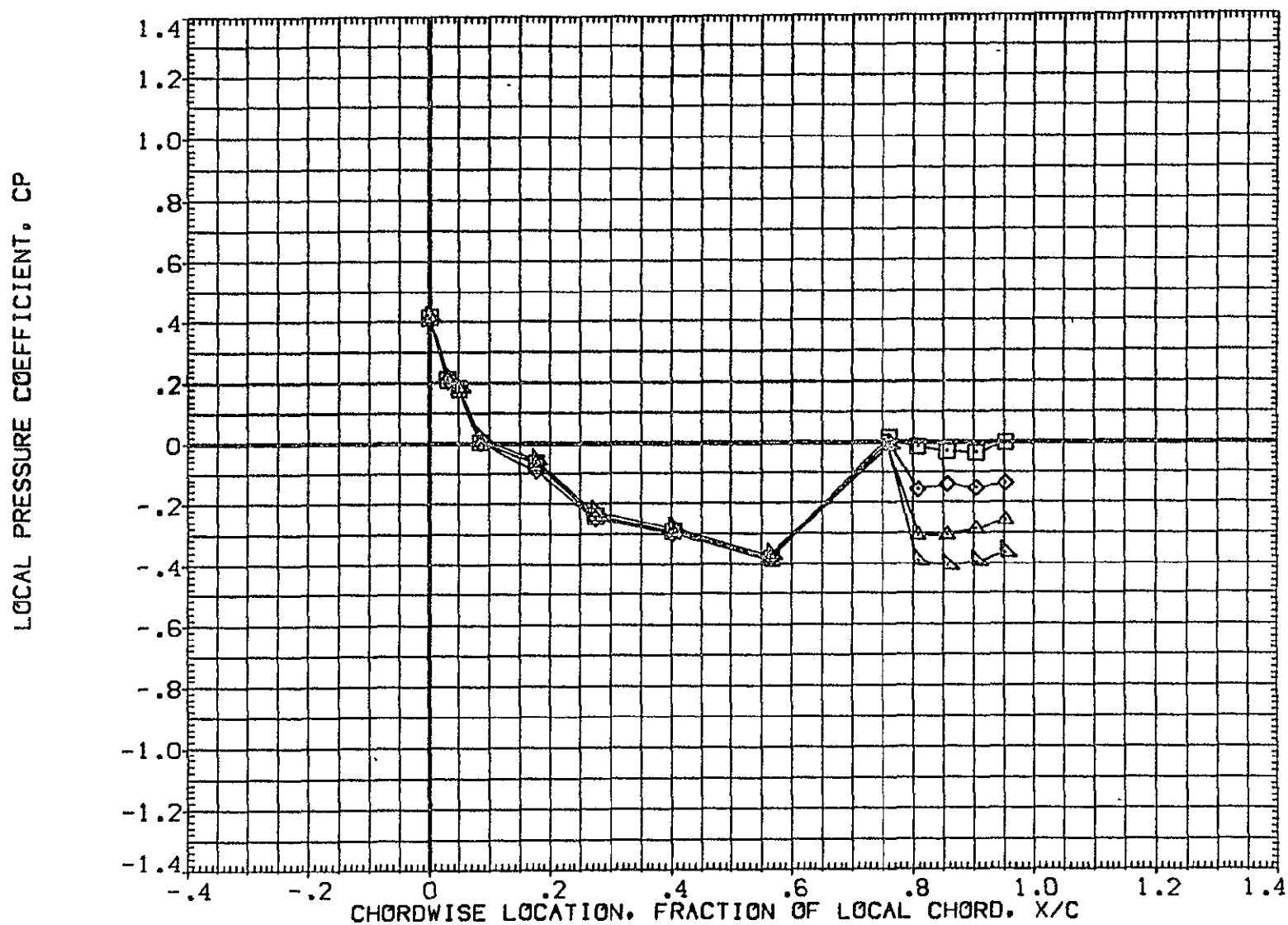


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = .000 2Y/B = .436 PAGE 673

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

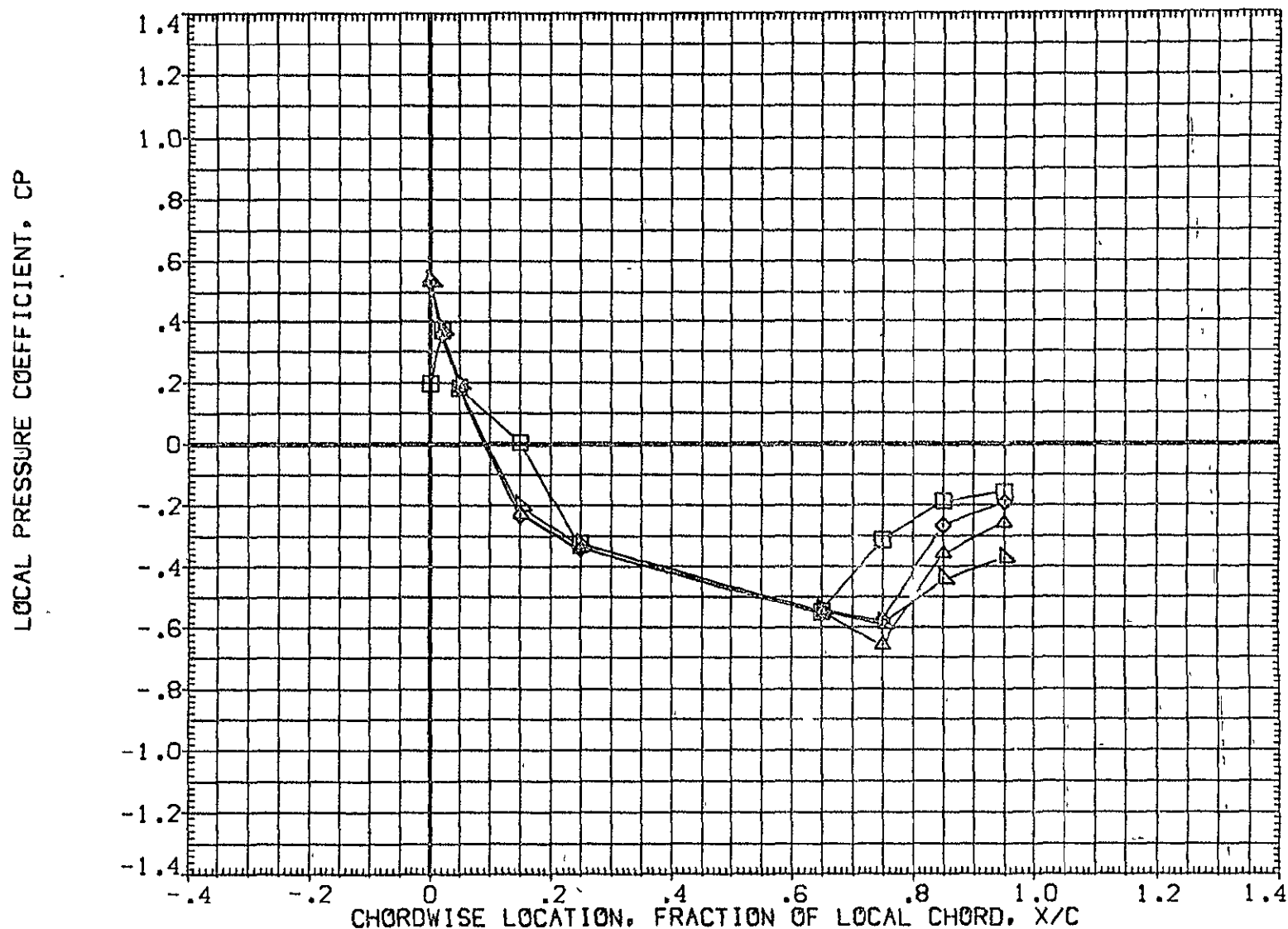


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = .000 2Y/B = .771 PAGE 674

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

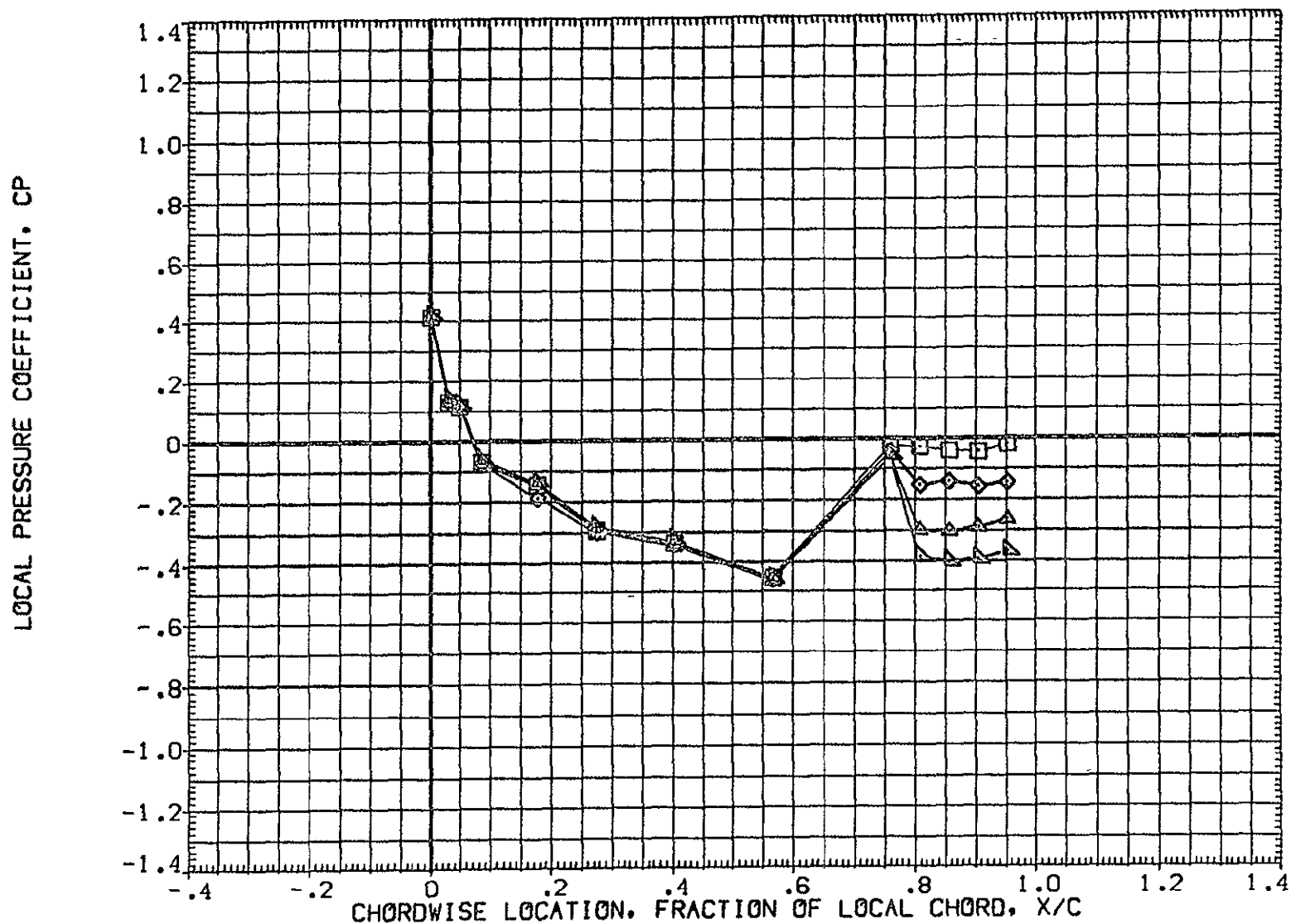


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

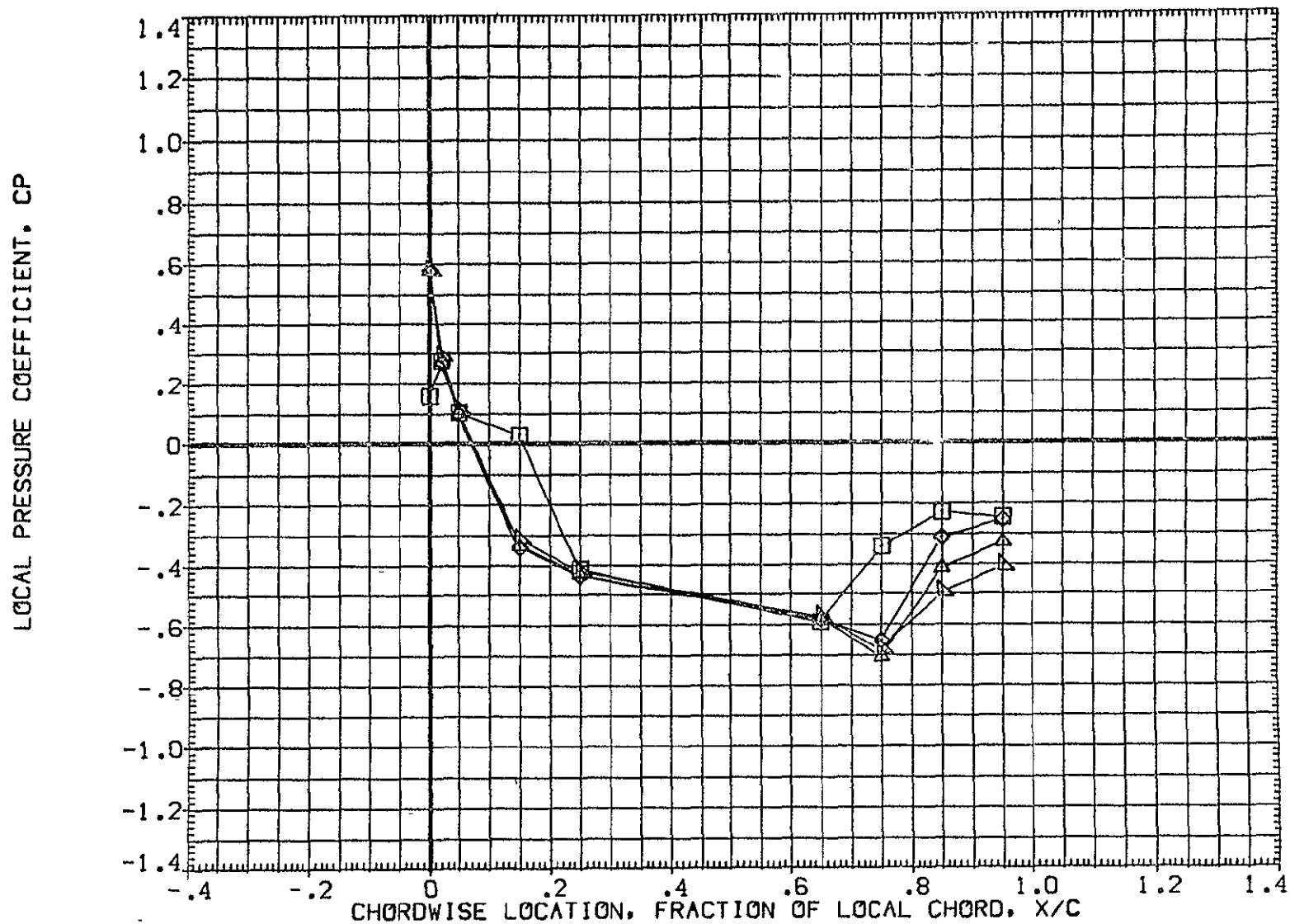


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

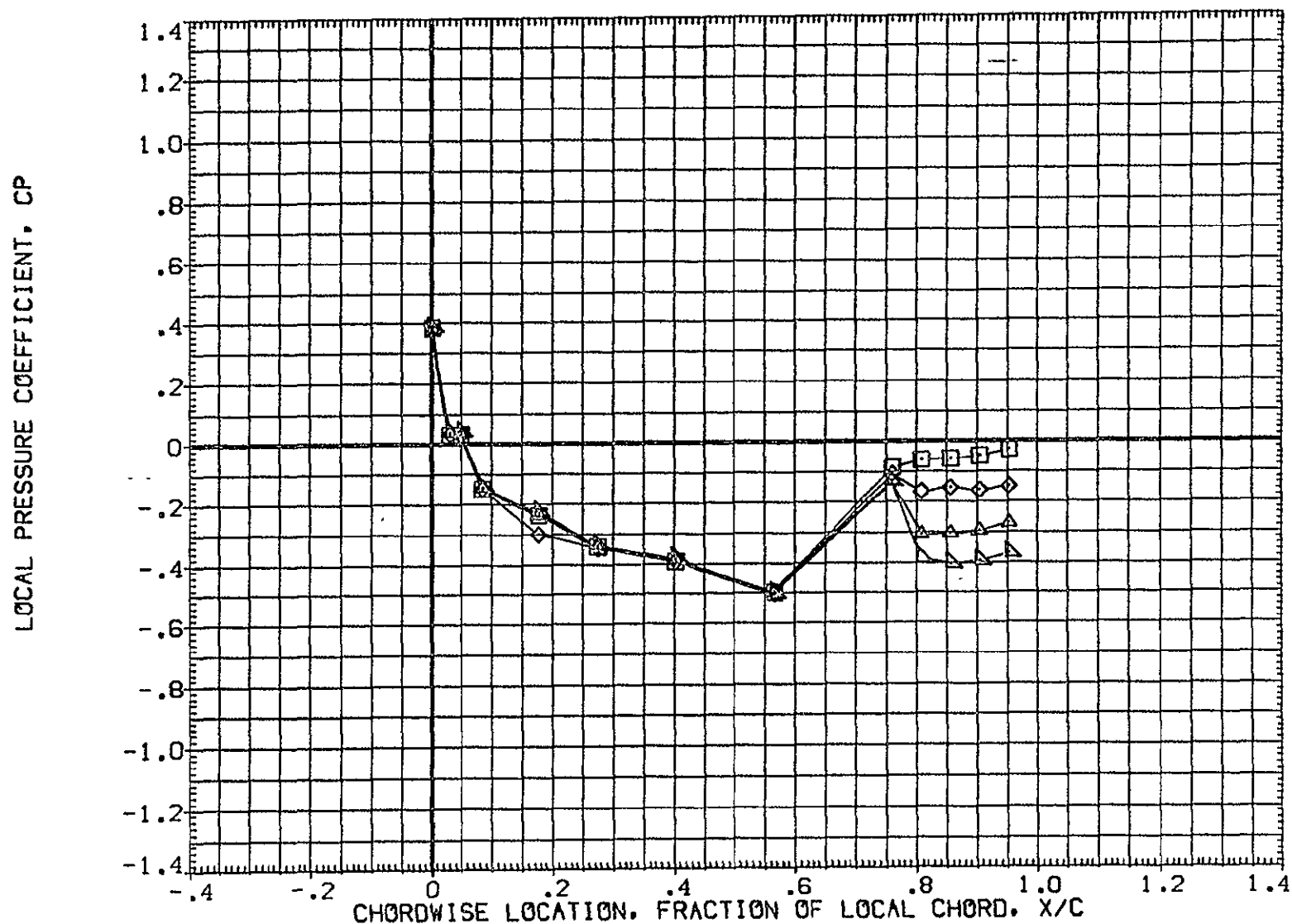


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U45]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

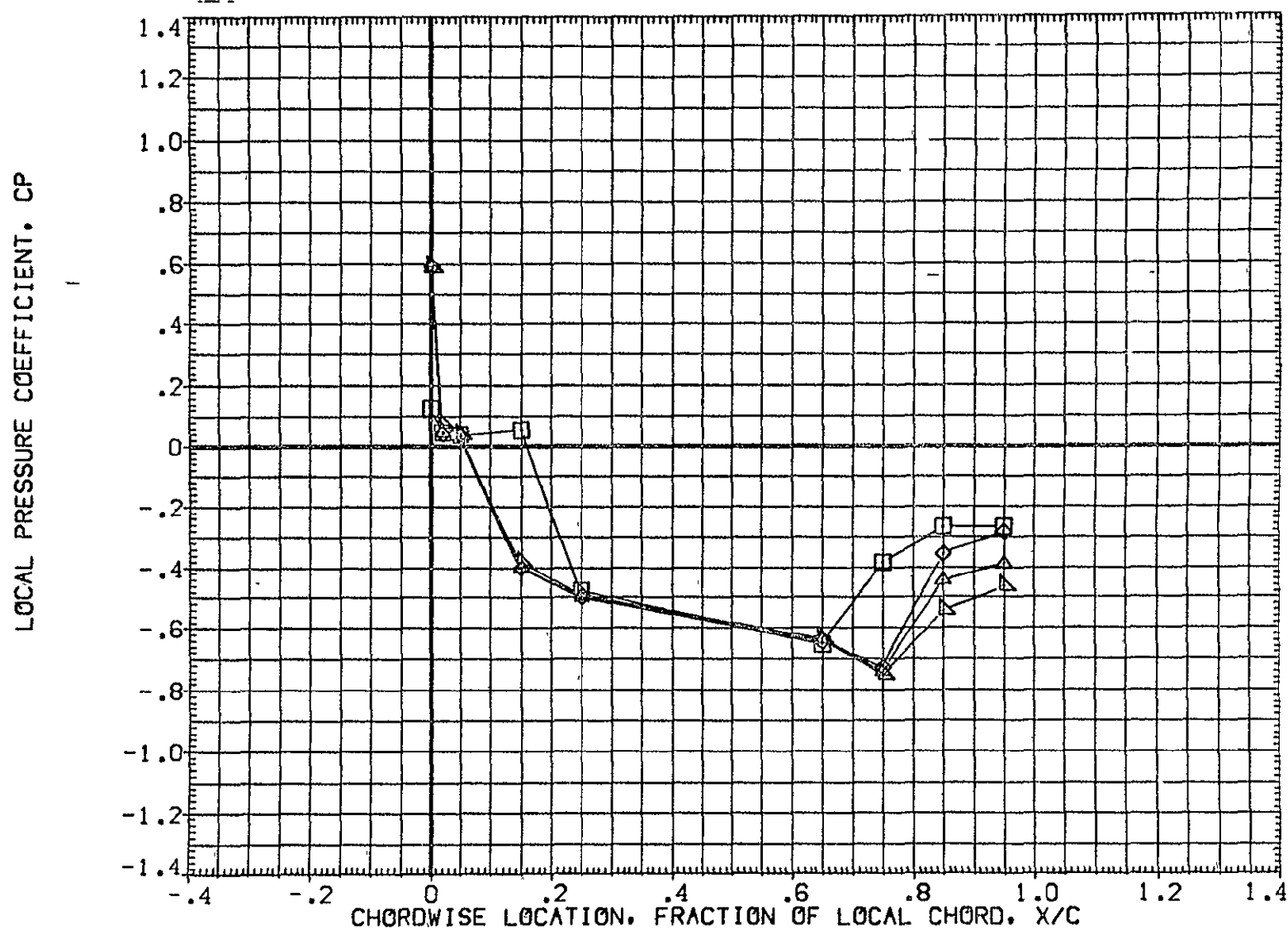


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

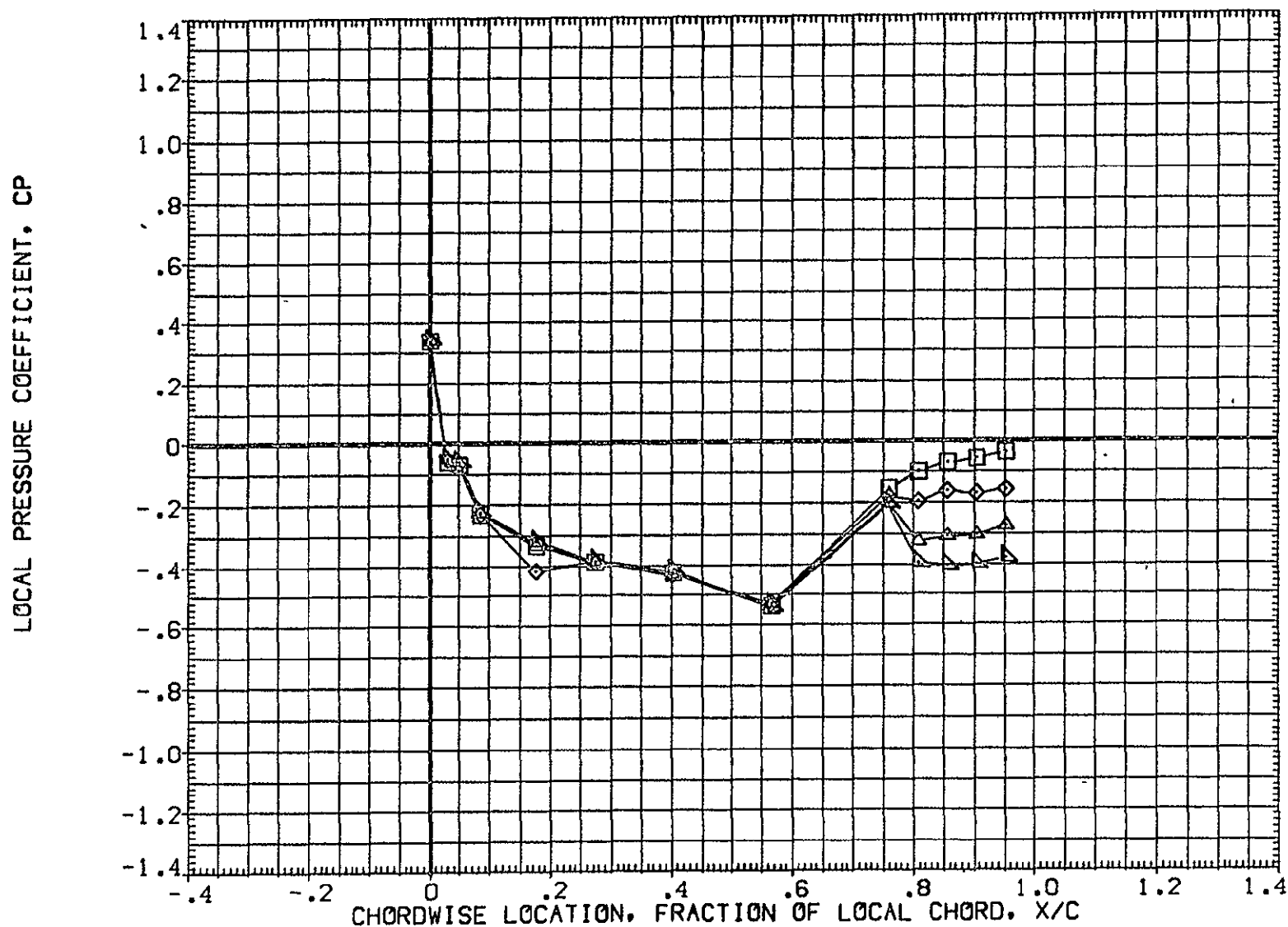


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 679



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

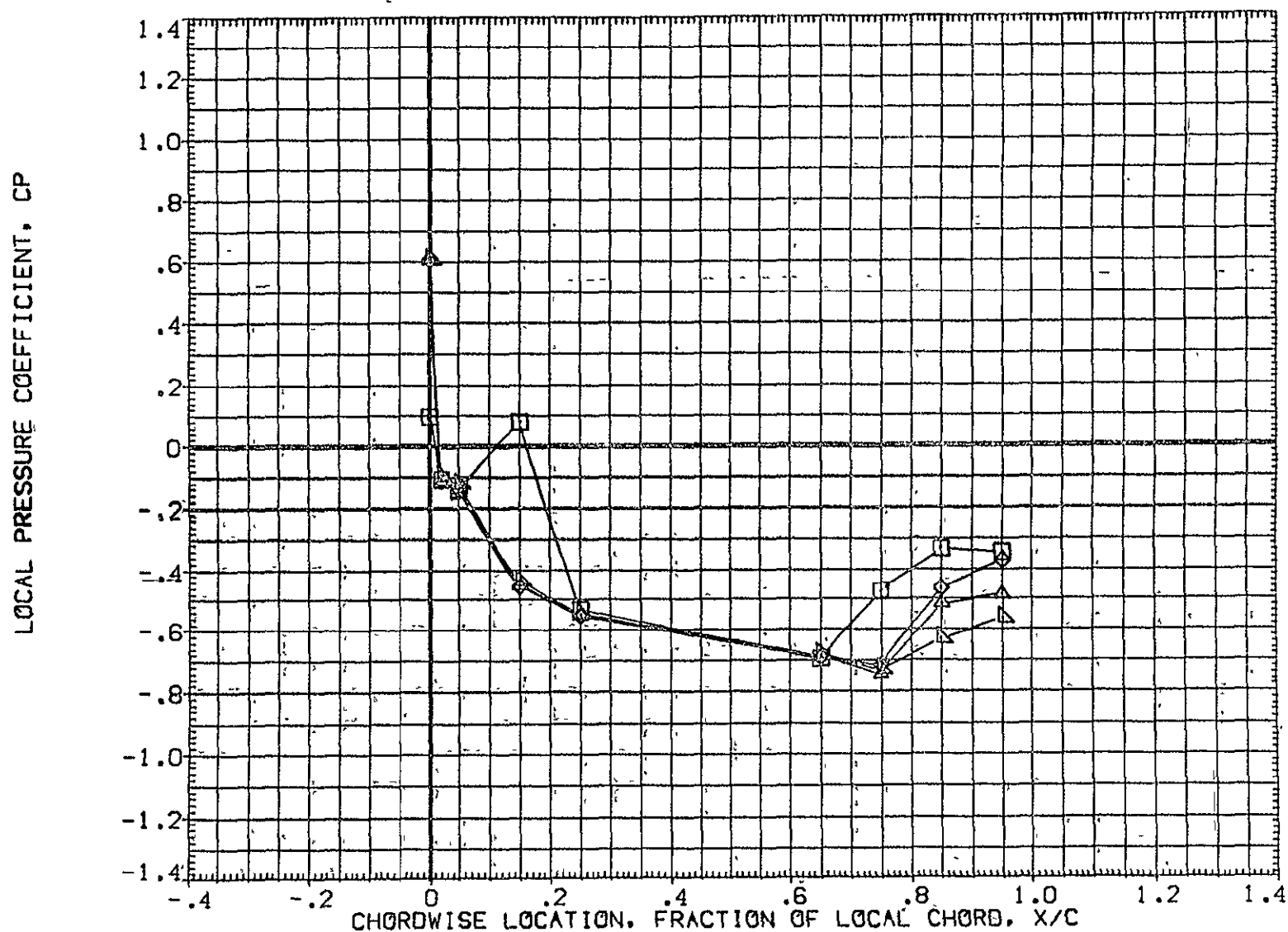


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 680

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

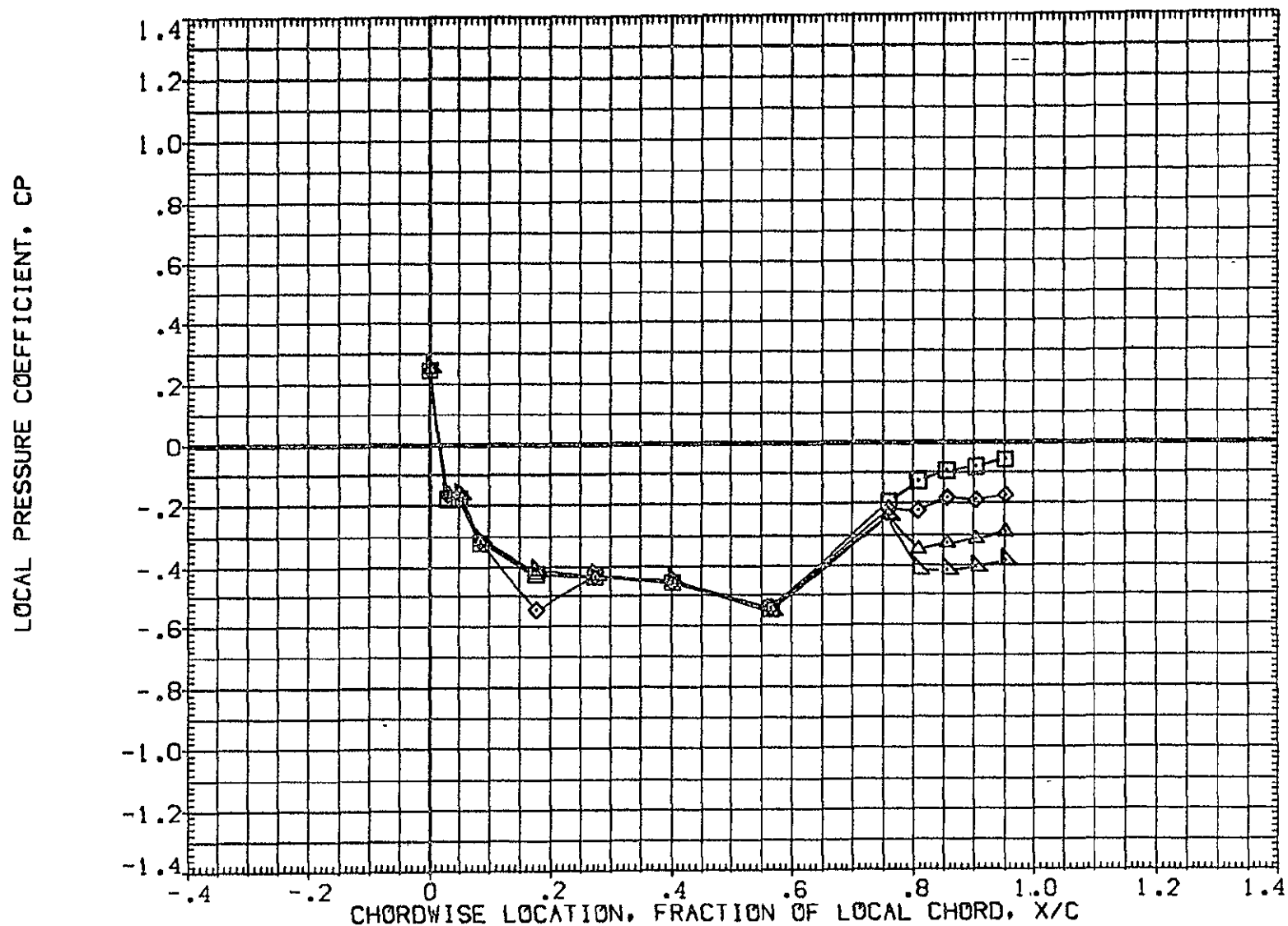


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U45}	{A7D 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	{A7D 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	{A7D 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	{A7D 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

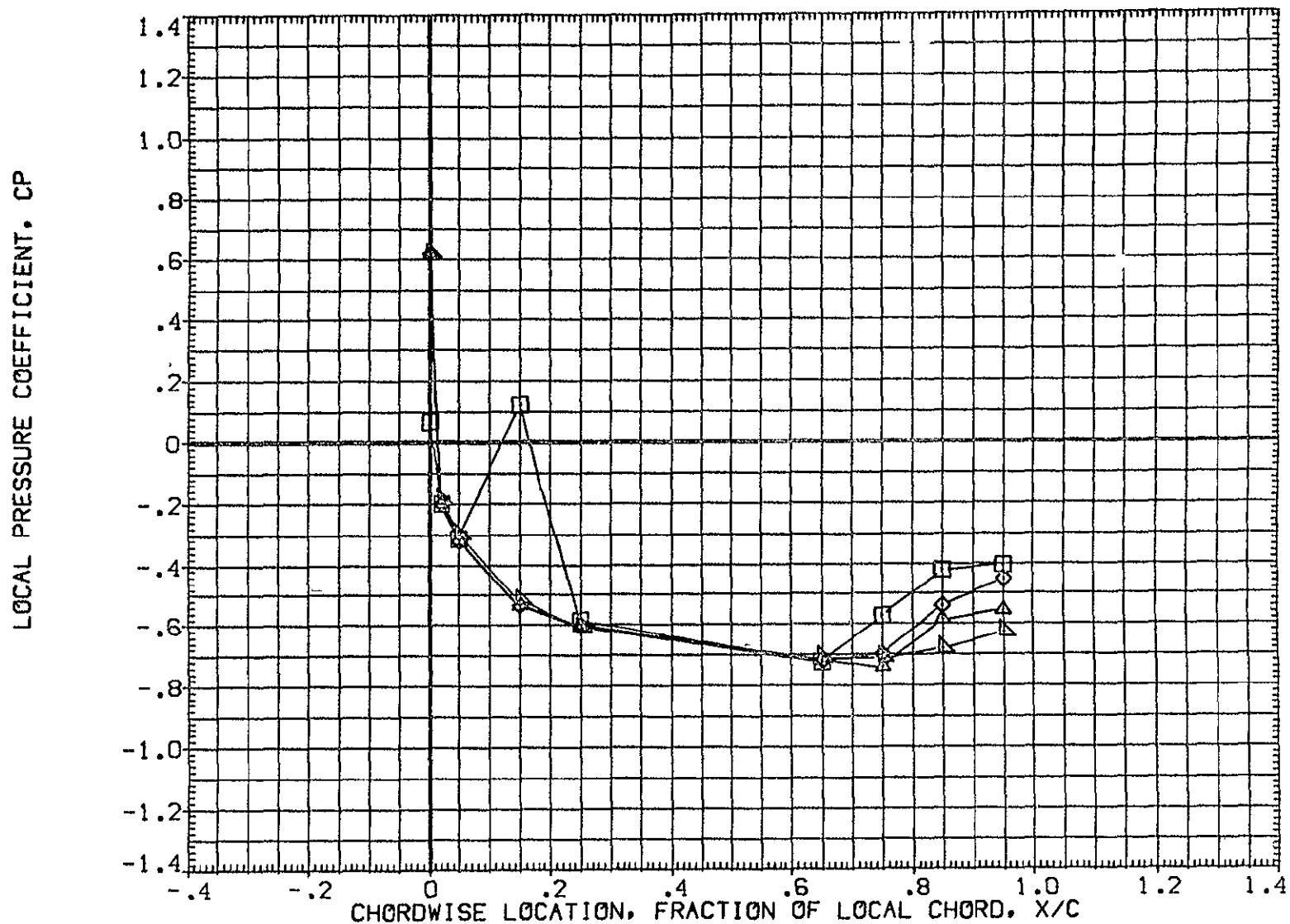


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

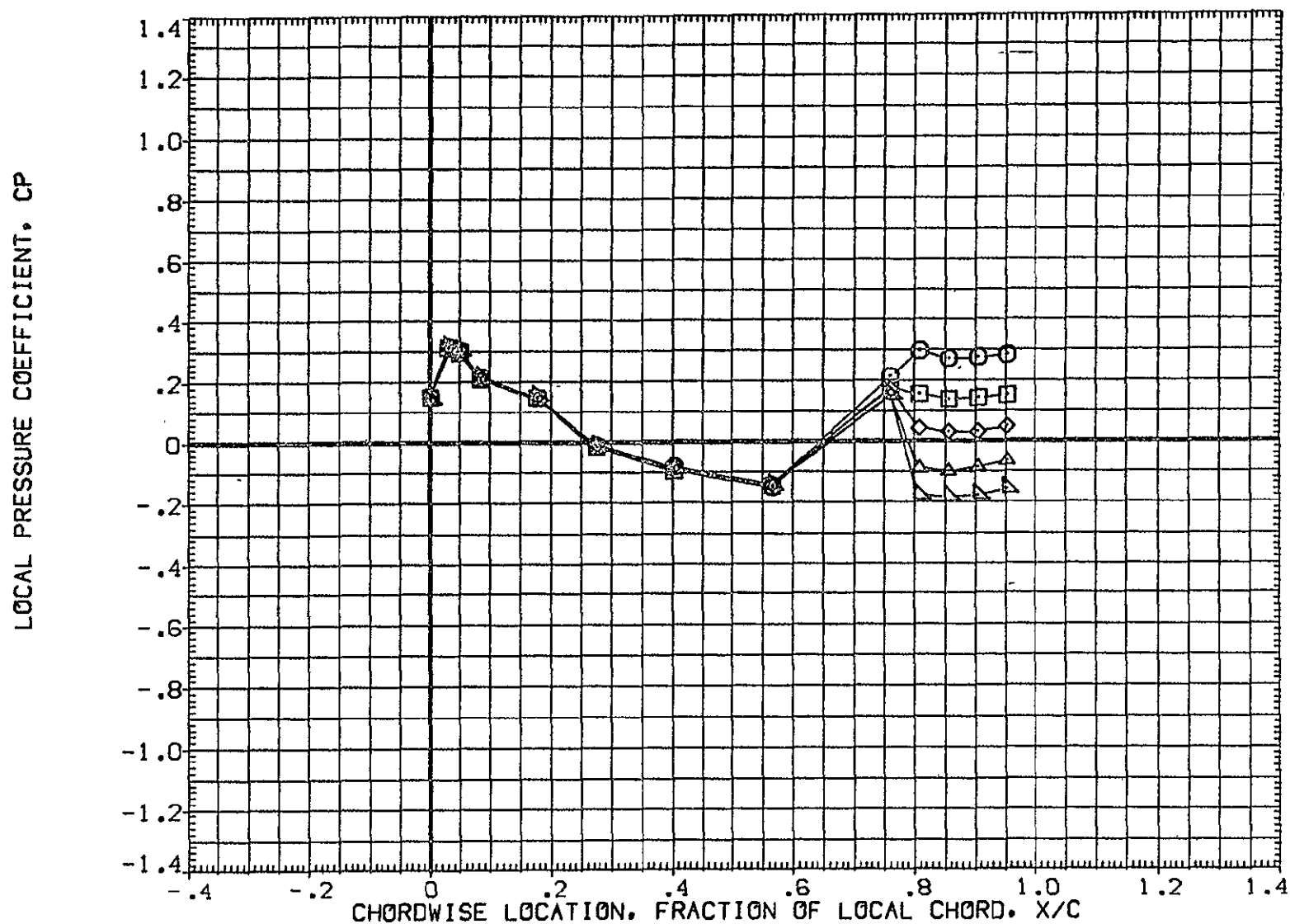


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -8.000 2Y/B = .436 PAGE 683

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	12.000	12.000	12.000

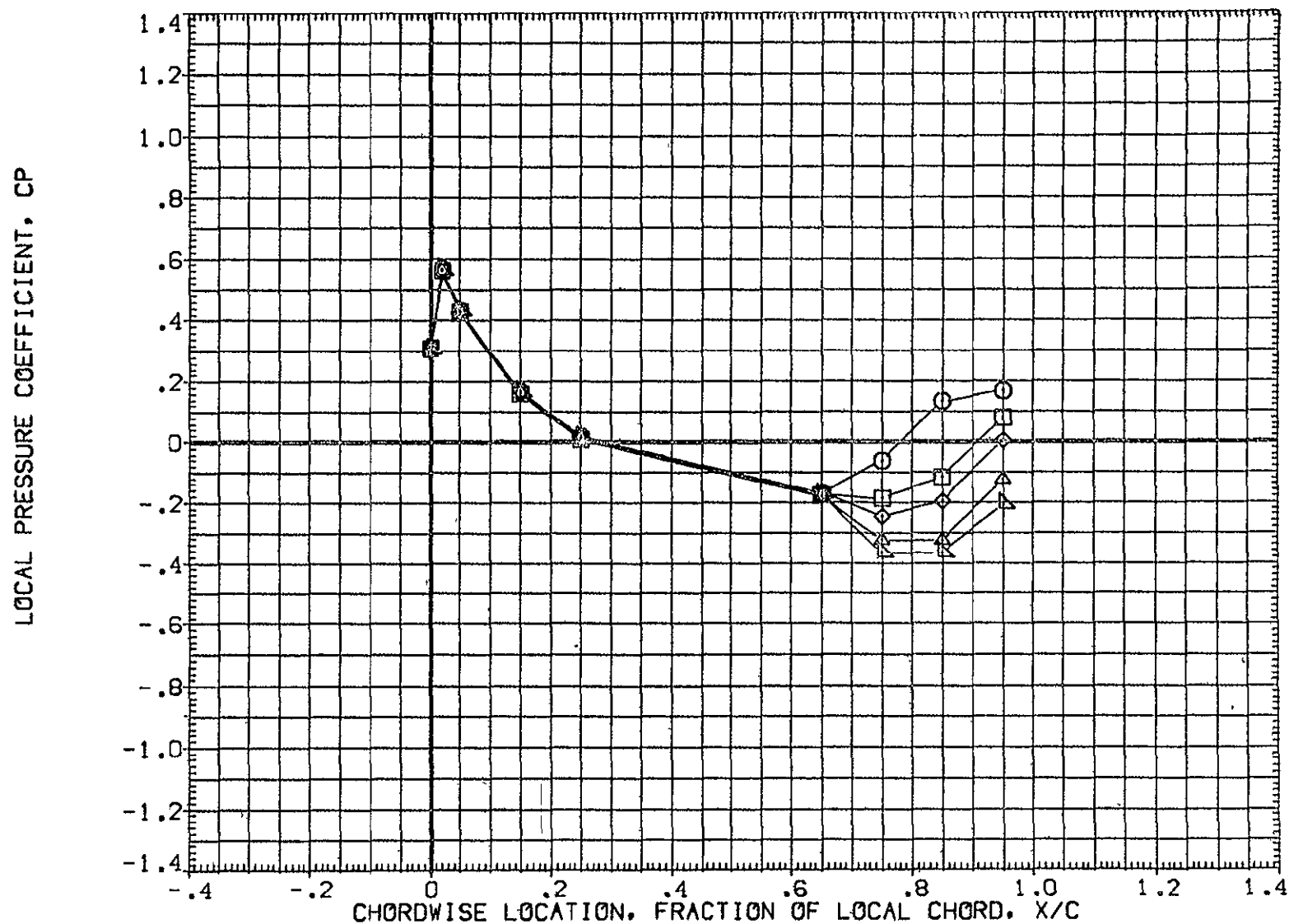


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

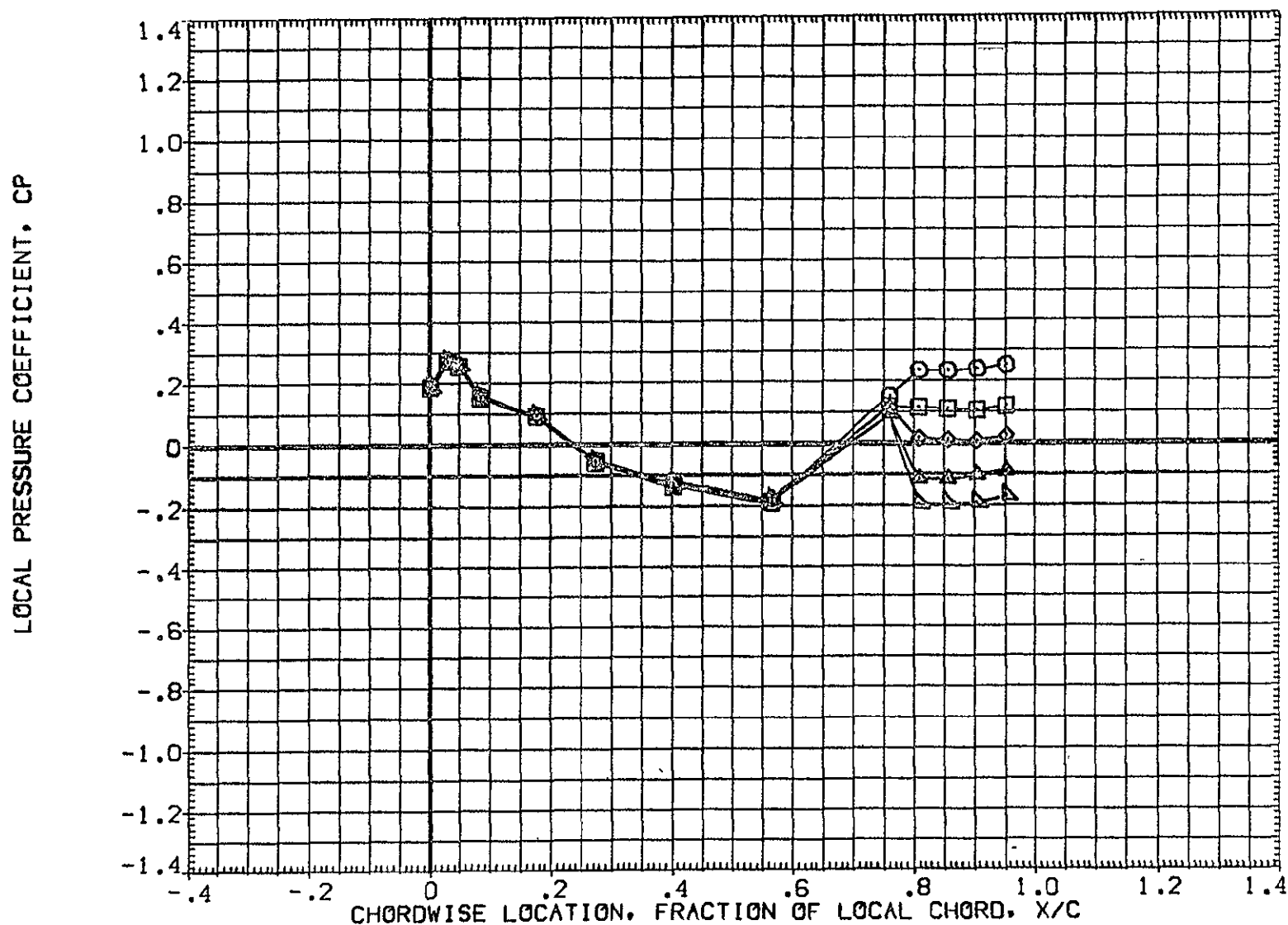


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

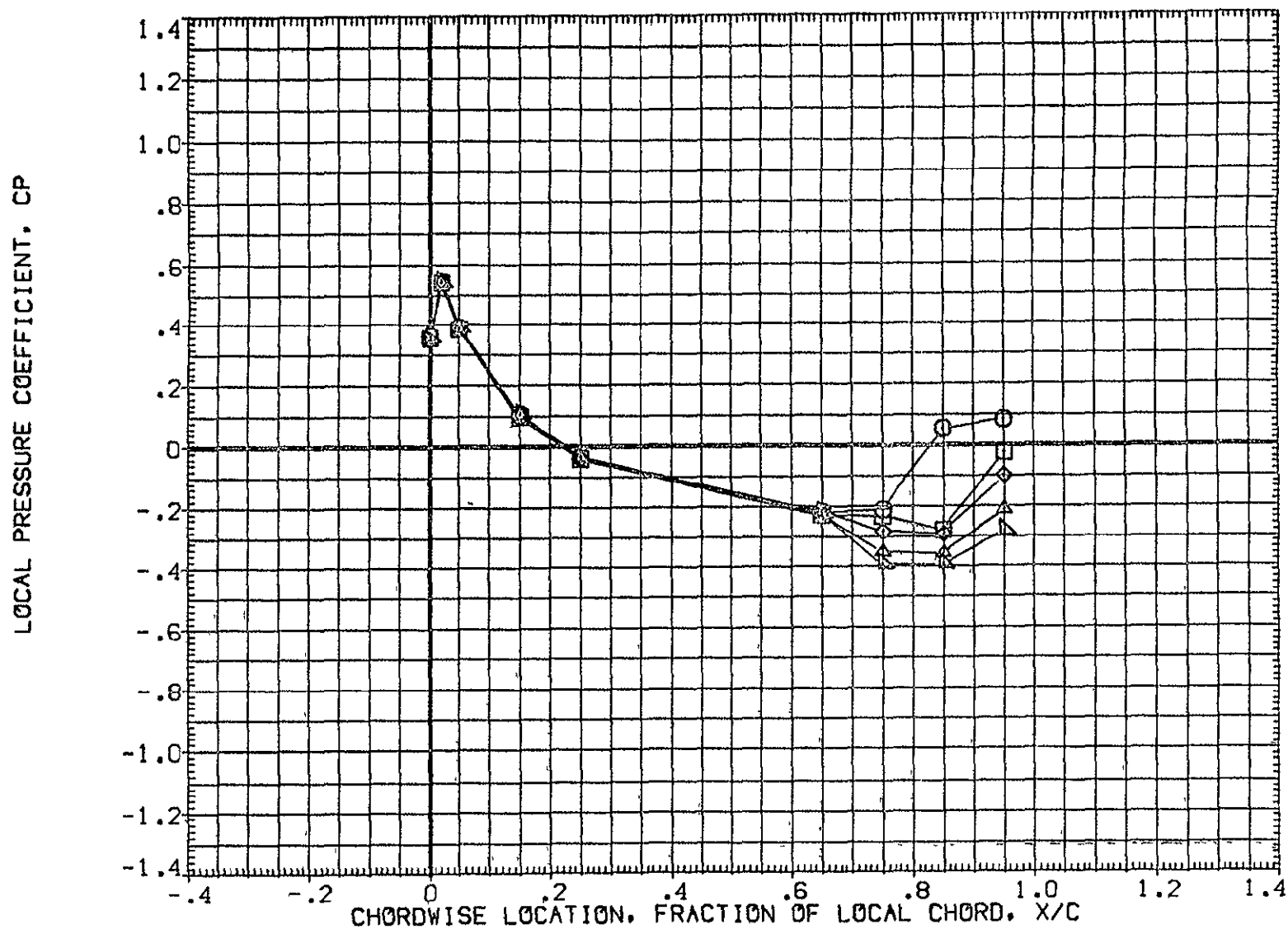


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

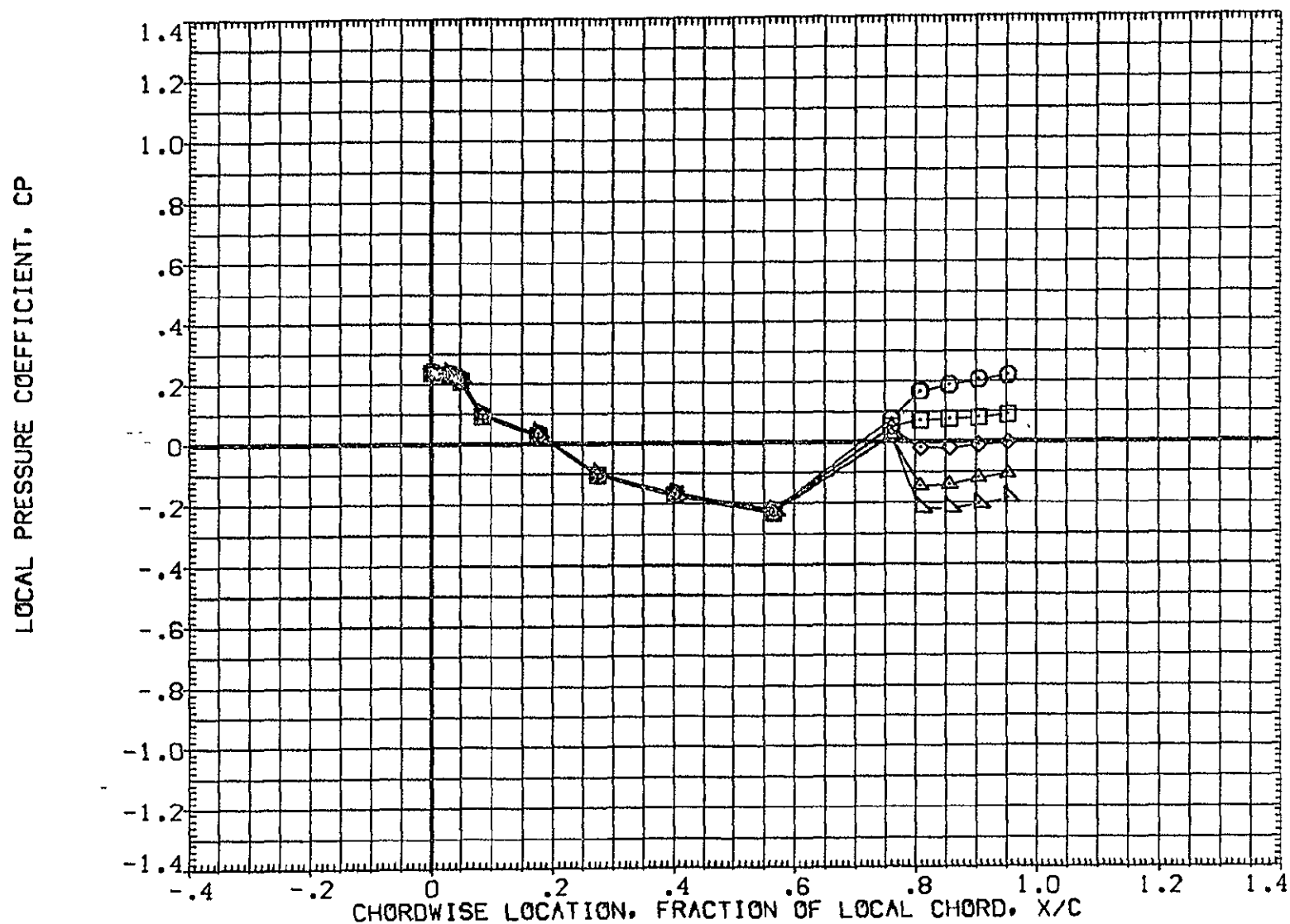


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -4.000 2Y/B = .436 PAGE 687



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

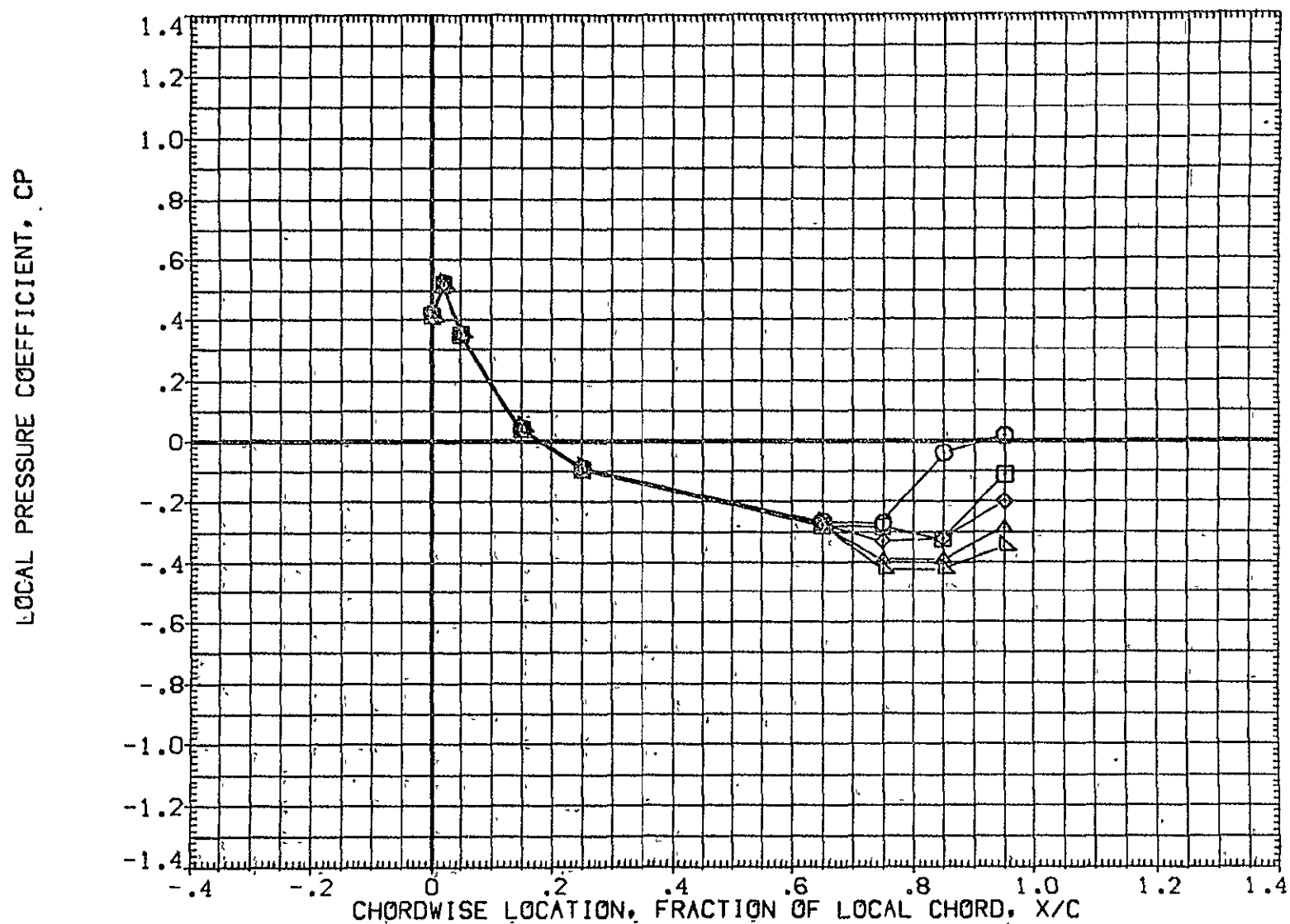


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

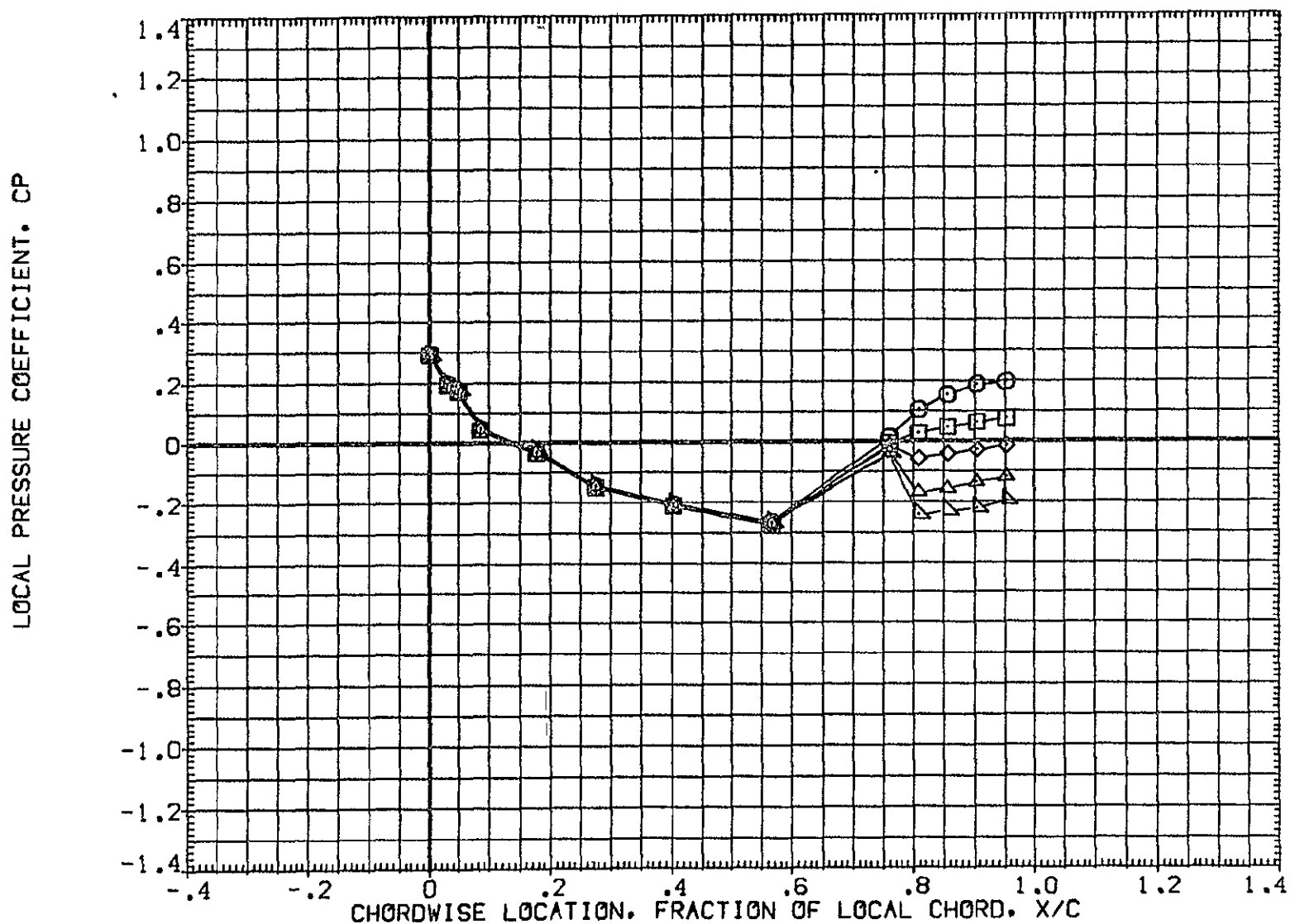


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

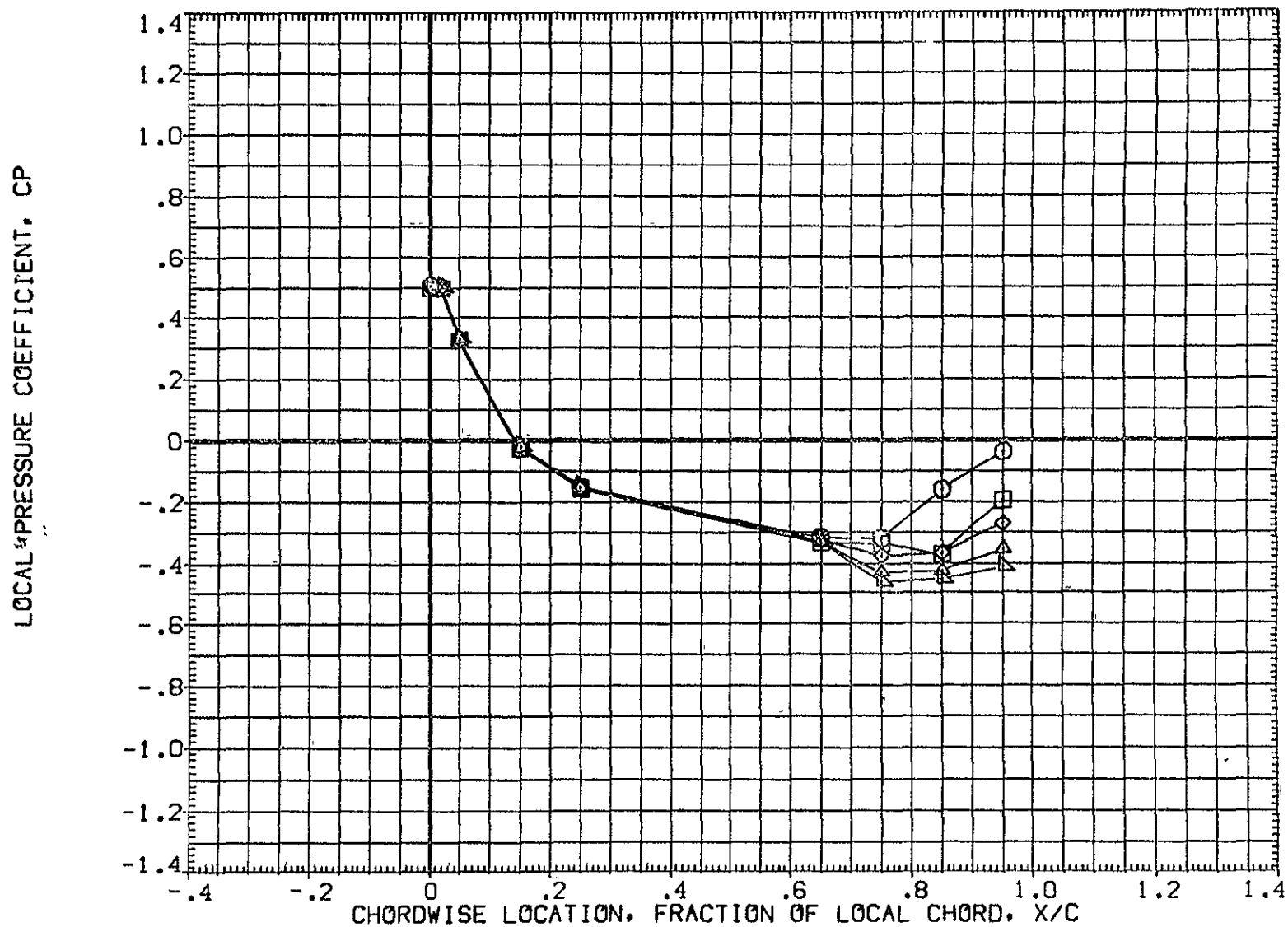


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION				DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4	
[AF7U64]	XXXX	1A70	G1	T12	S1	P2 P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U45]		1A70	G1	T12	S1	P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]		1A70	G1	T12	S1	P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]		1A70	G1	T12	S1	P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]		1A70	G1	T12	S1	P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

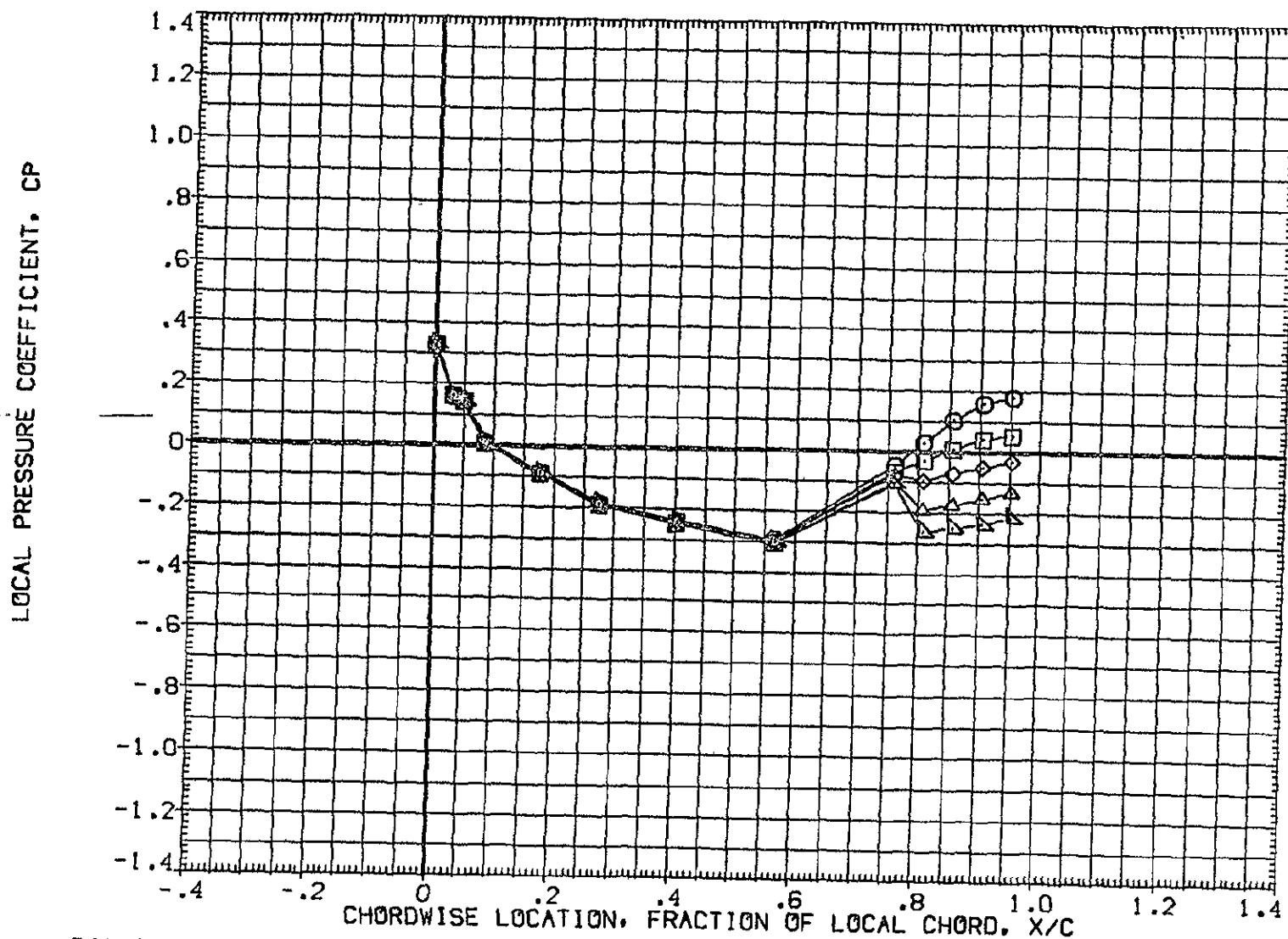


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	12.000	12.000	12.000

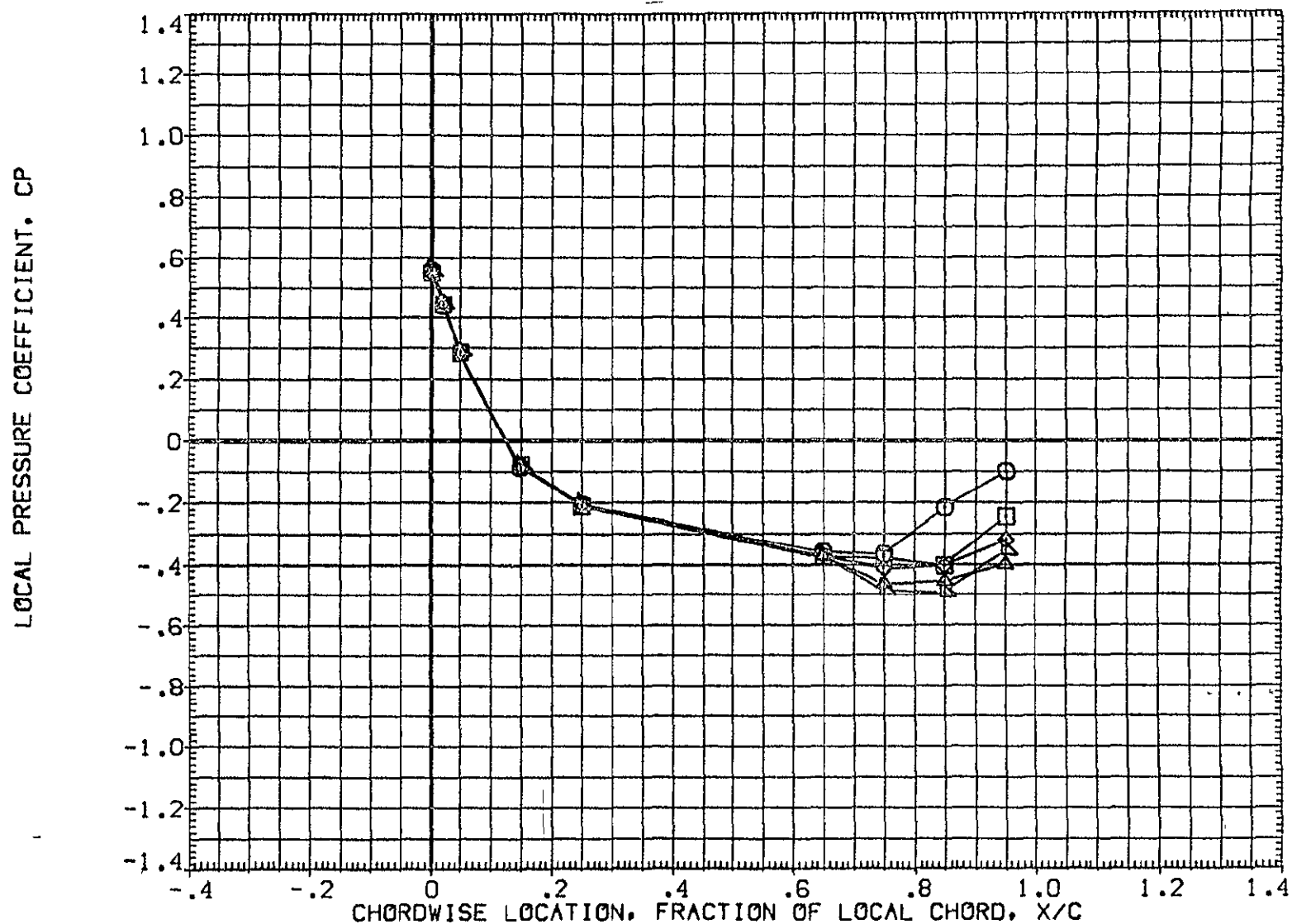


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = .000 2Y/B = .771 PAGE 692

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U64}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U50}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U60}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

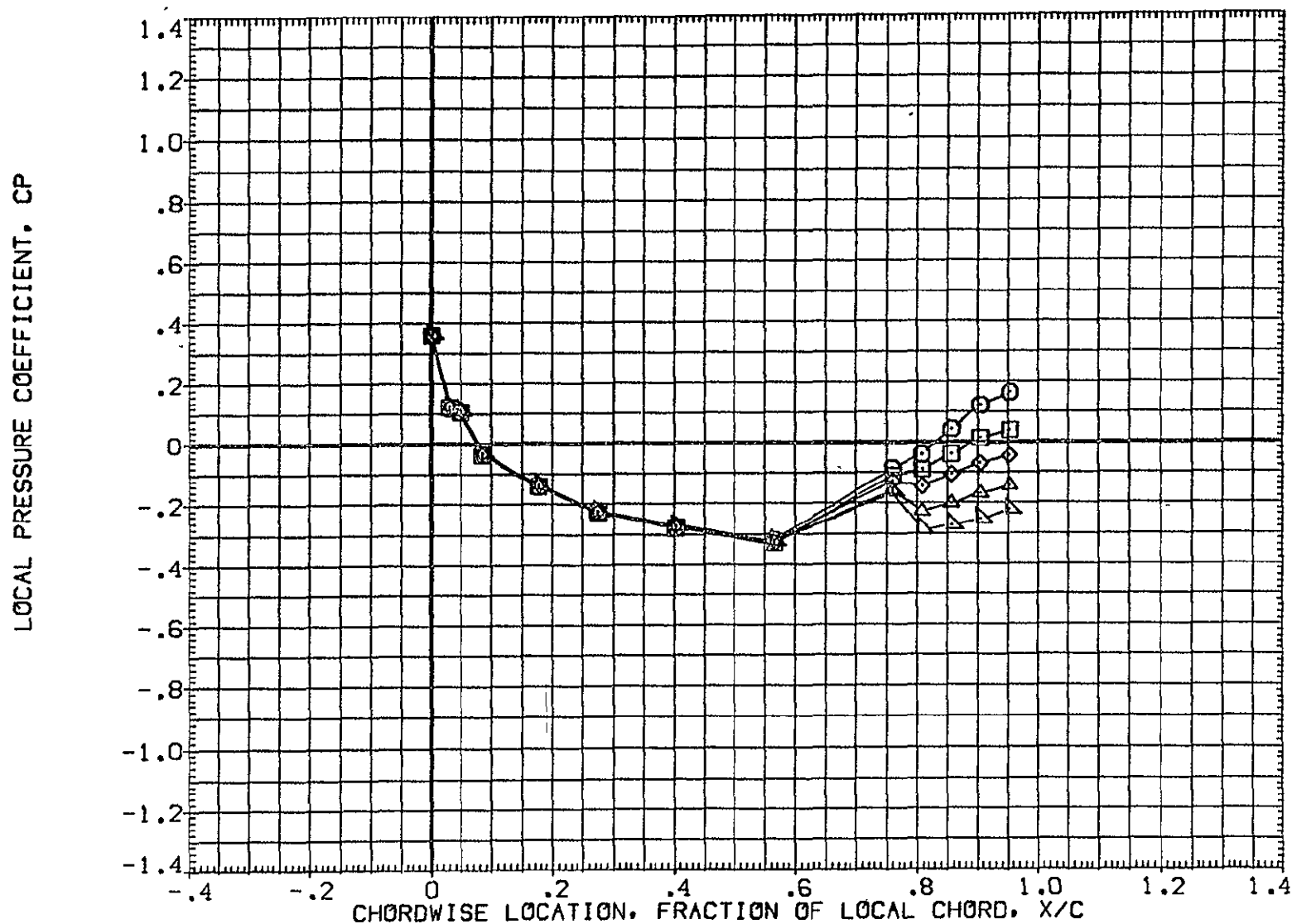


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 2.000 2Y/B = .436 PAGE 693

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

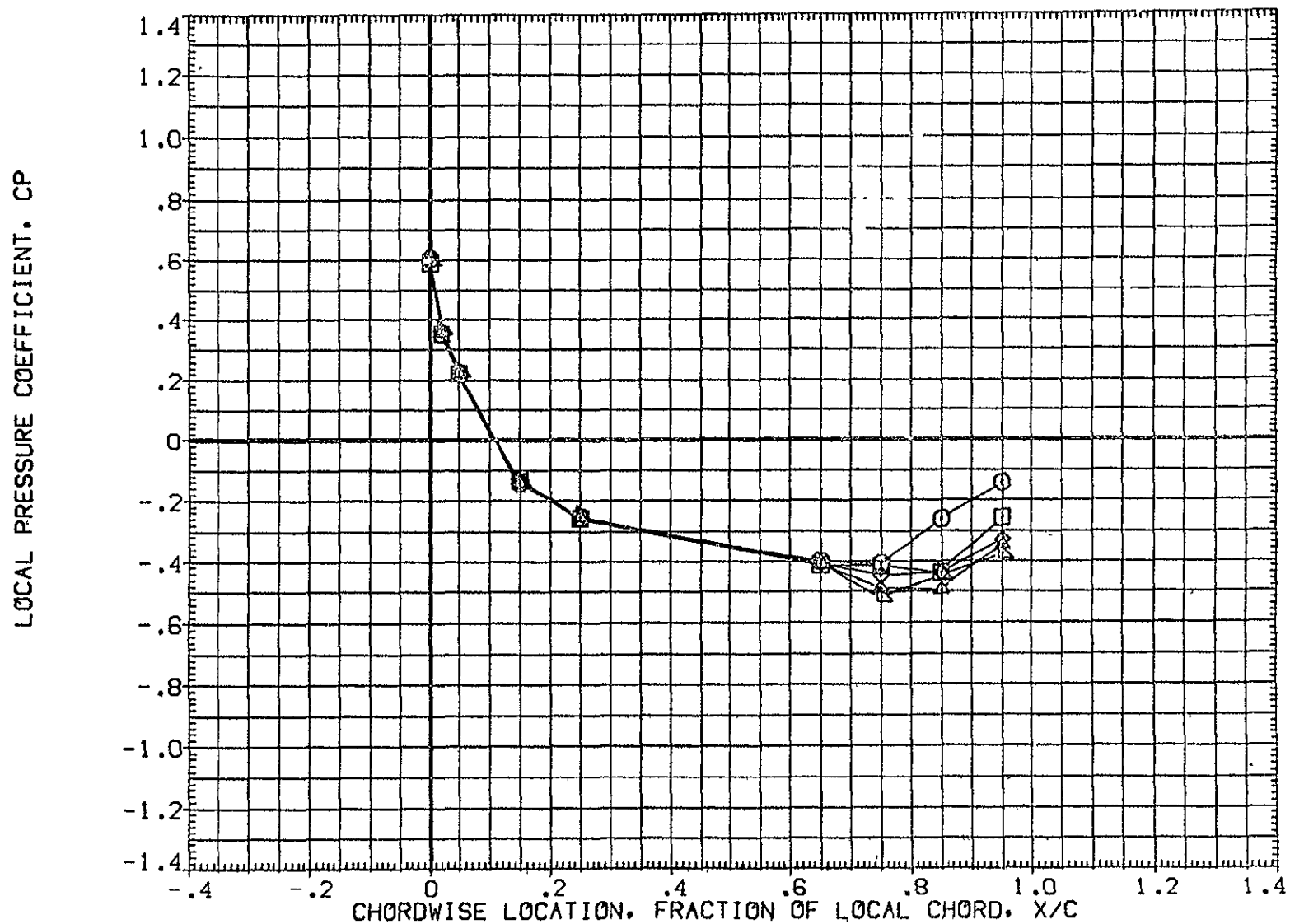


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 2.000 2Y/B = .771 PAGE 694

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

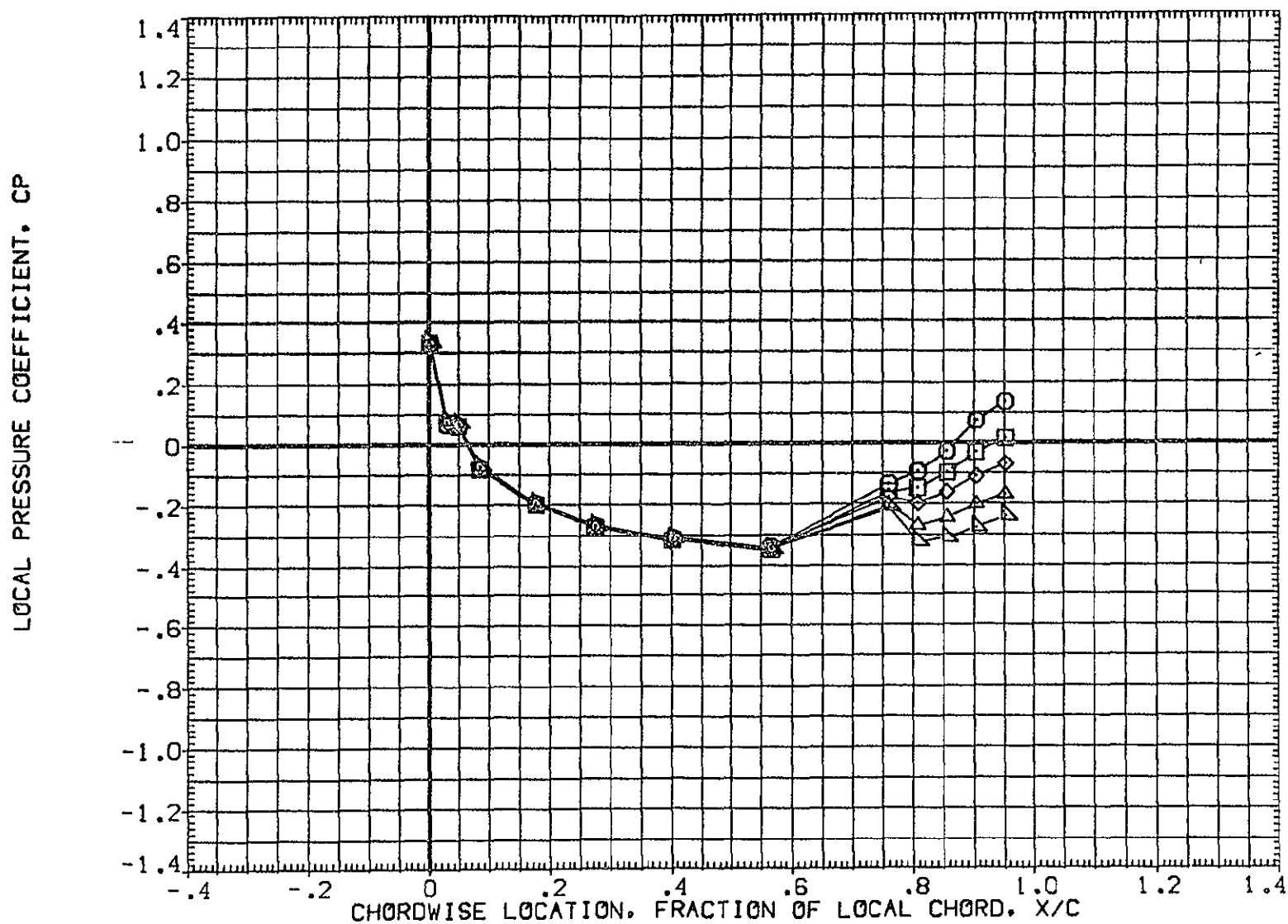


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 4.000  $2Y/B = .436$



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

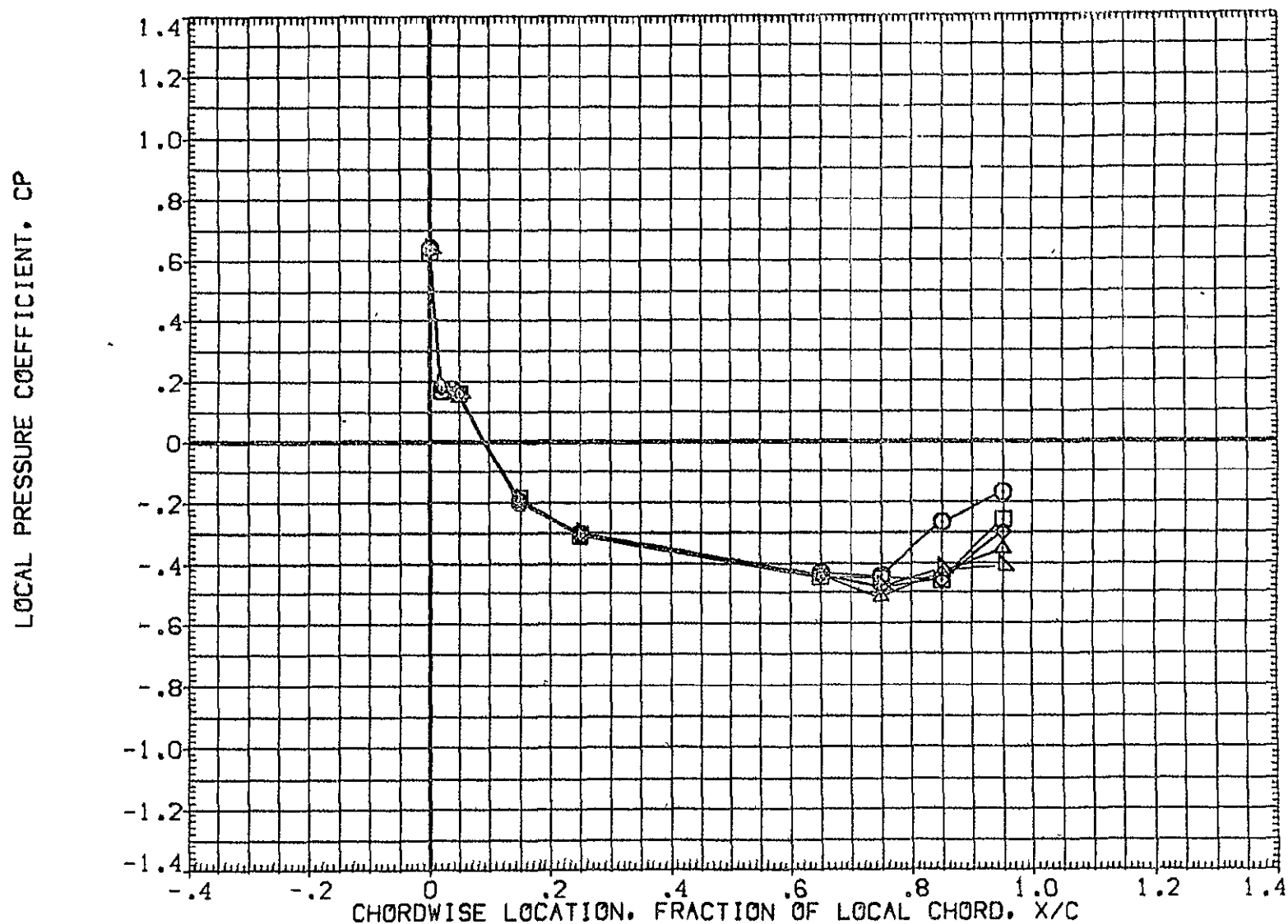


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 4.000 2Y/B = .771 PAGE 696.

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

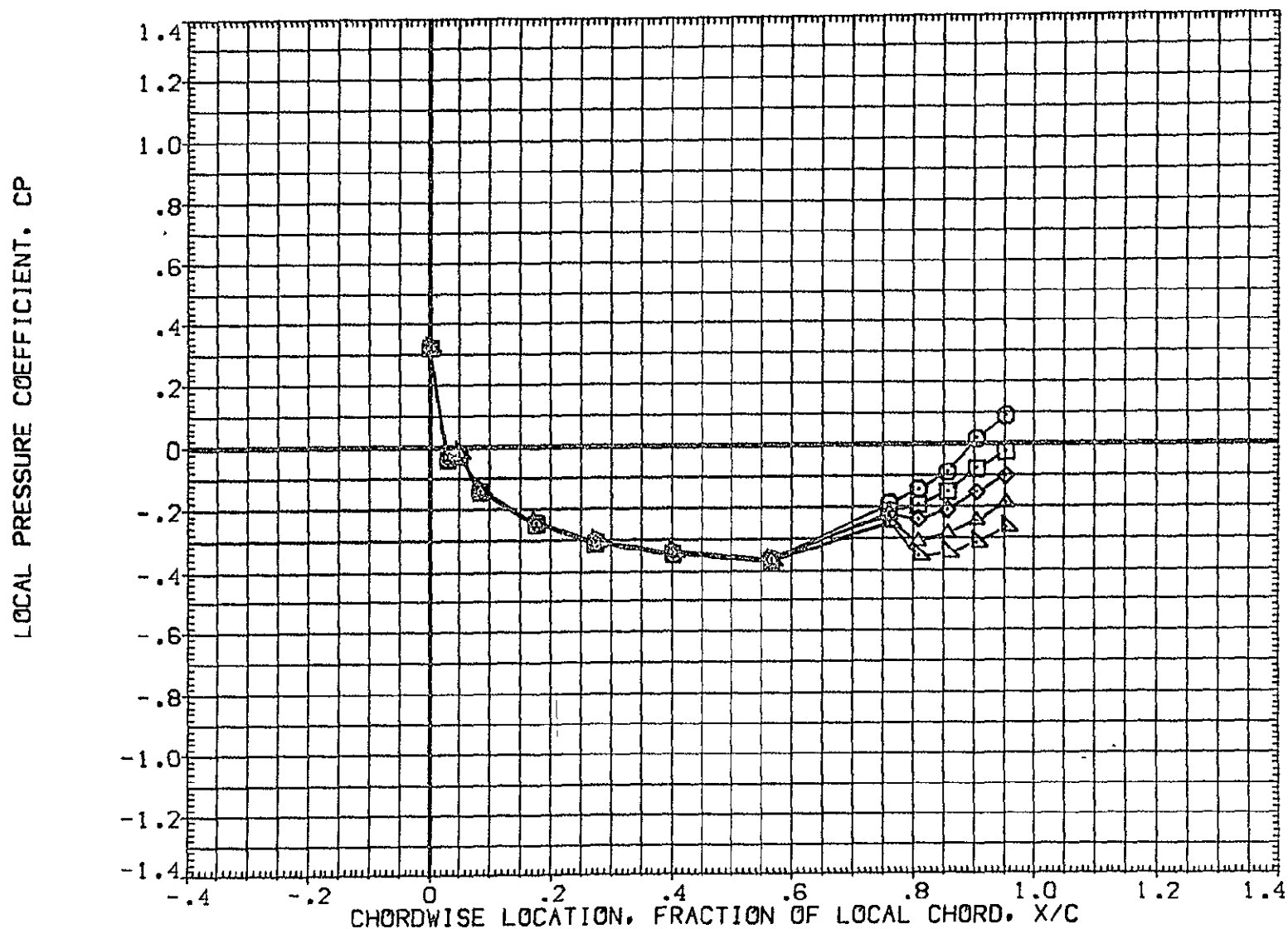


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 6.000 2Y/B = .436 PAGE 697

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

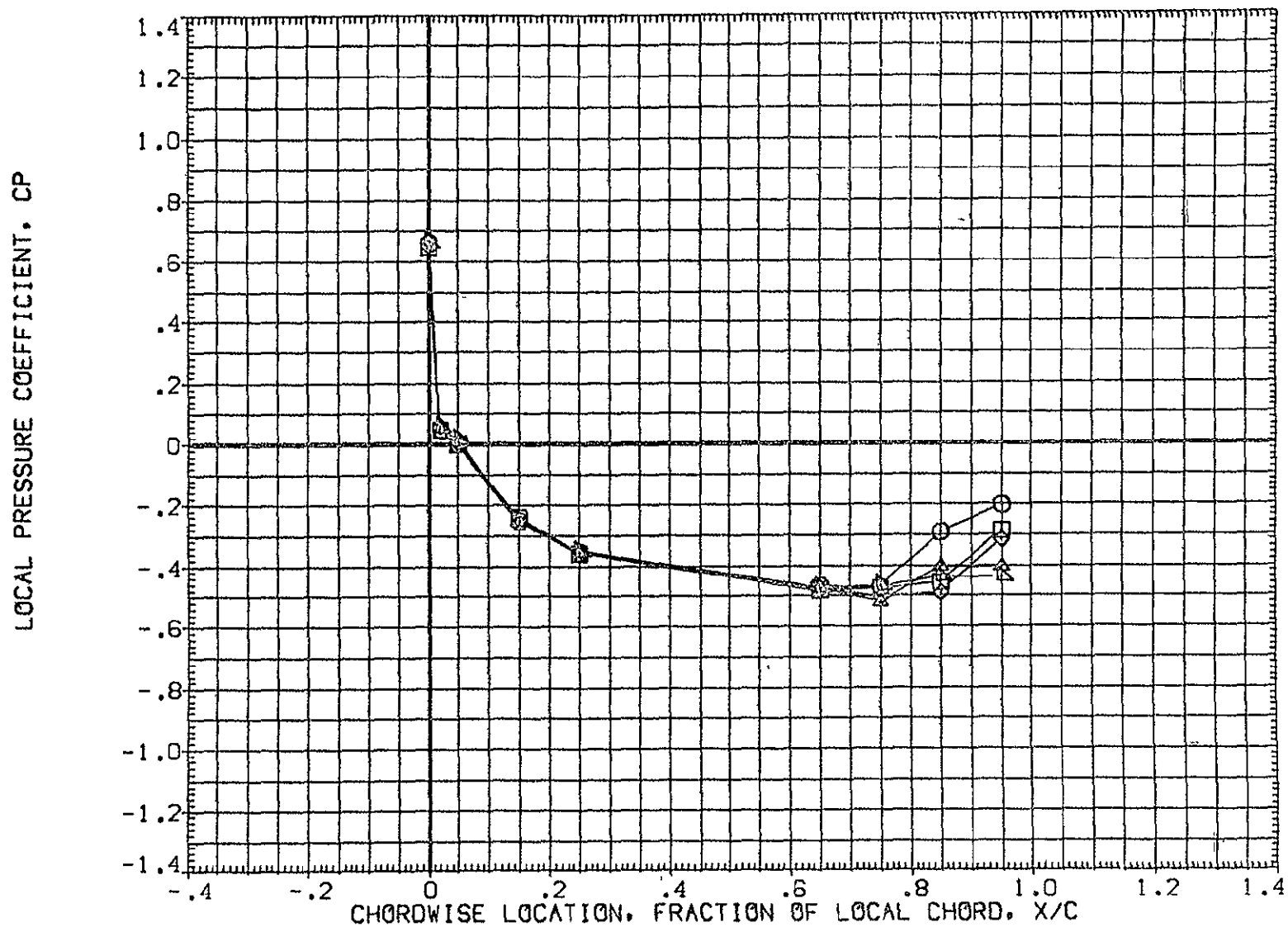


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 6.000 2Y/B = .771 PAGE 698

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U64]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U45]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U50]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U55]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U60]	[A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

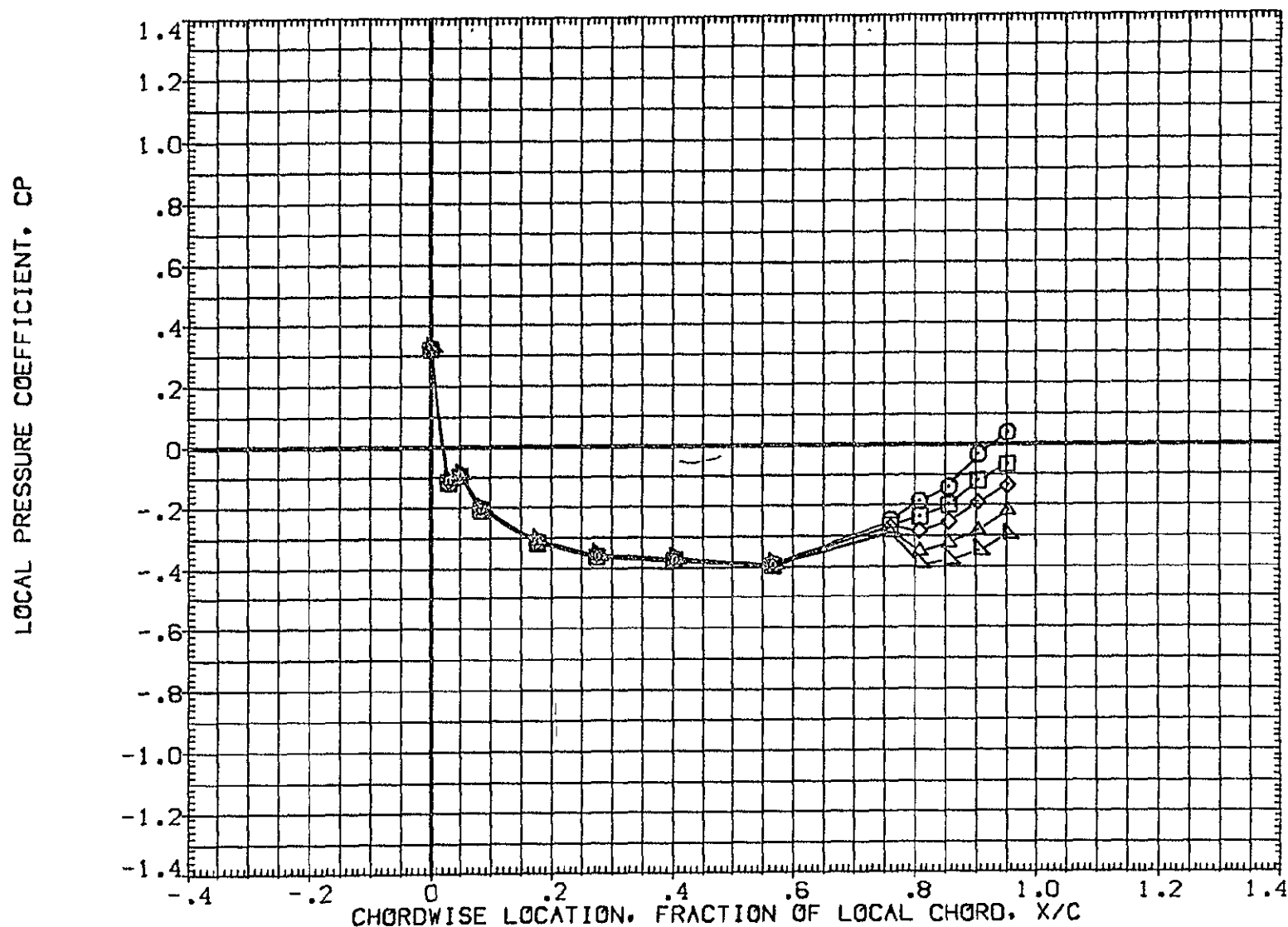


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 8.000 2Y/B = .436 PAGE 699

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U64)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U50)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U60)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

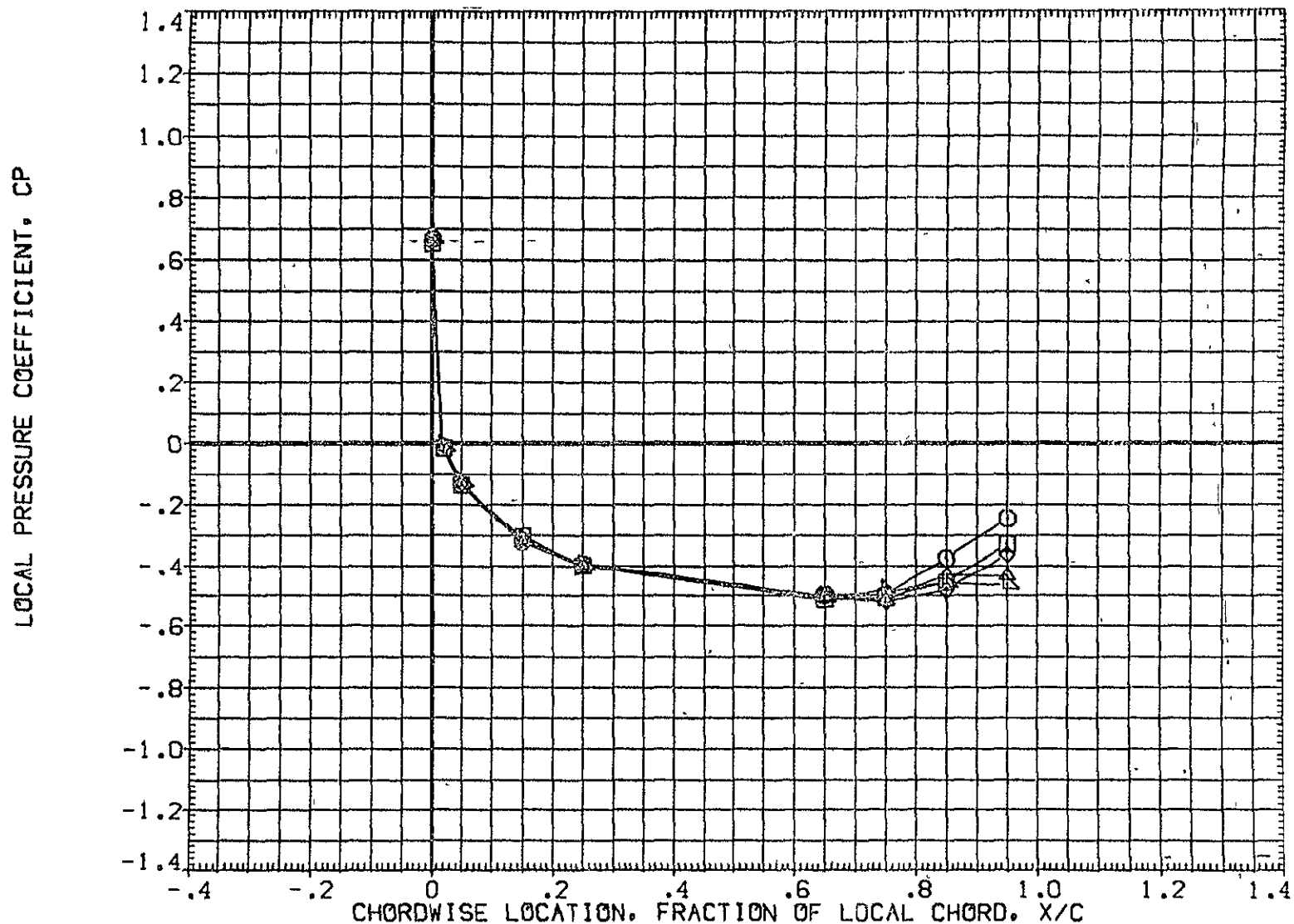


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 8.000 2Y/B = .771 PAGE 700

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE				
{AF7L45}	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L50}	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L55}	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L60}	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
		8.000	12.000	12.000	12.000

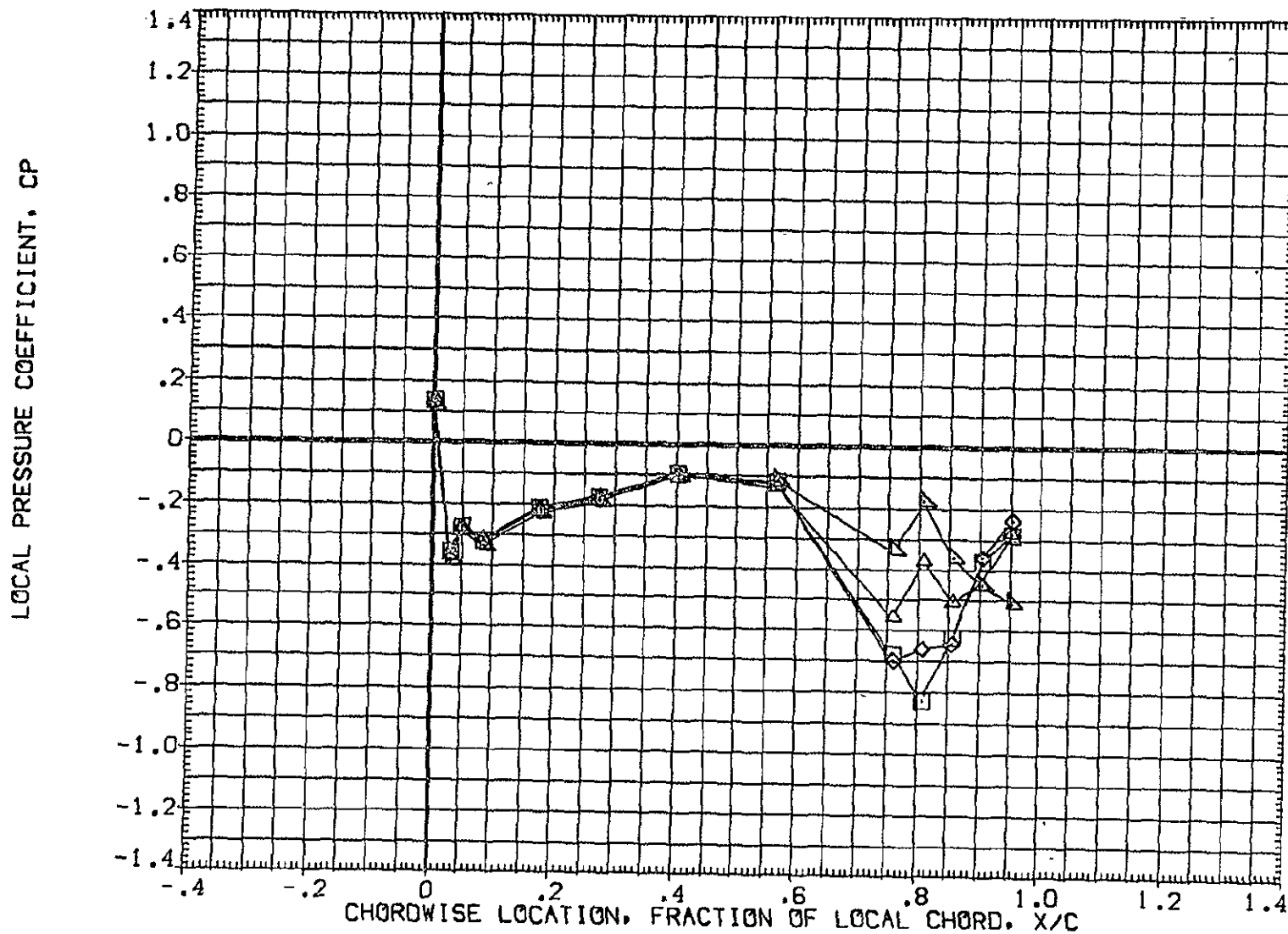


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -8.000 2Y/B = .436 PAGE 701

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

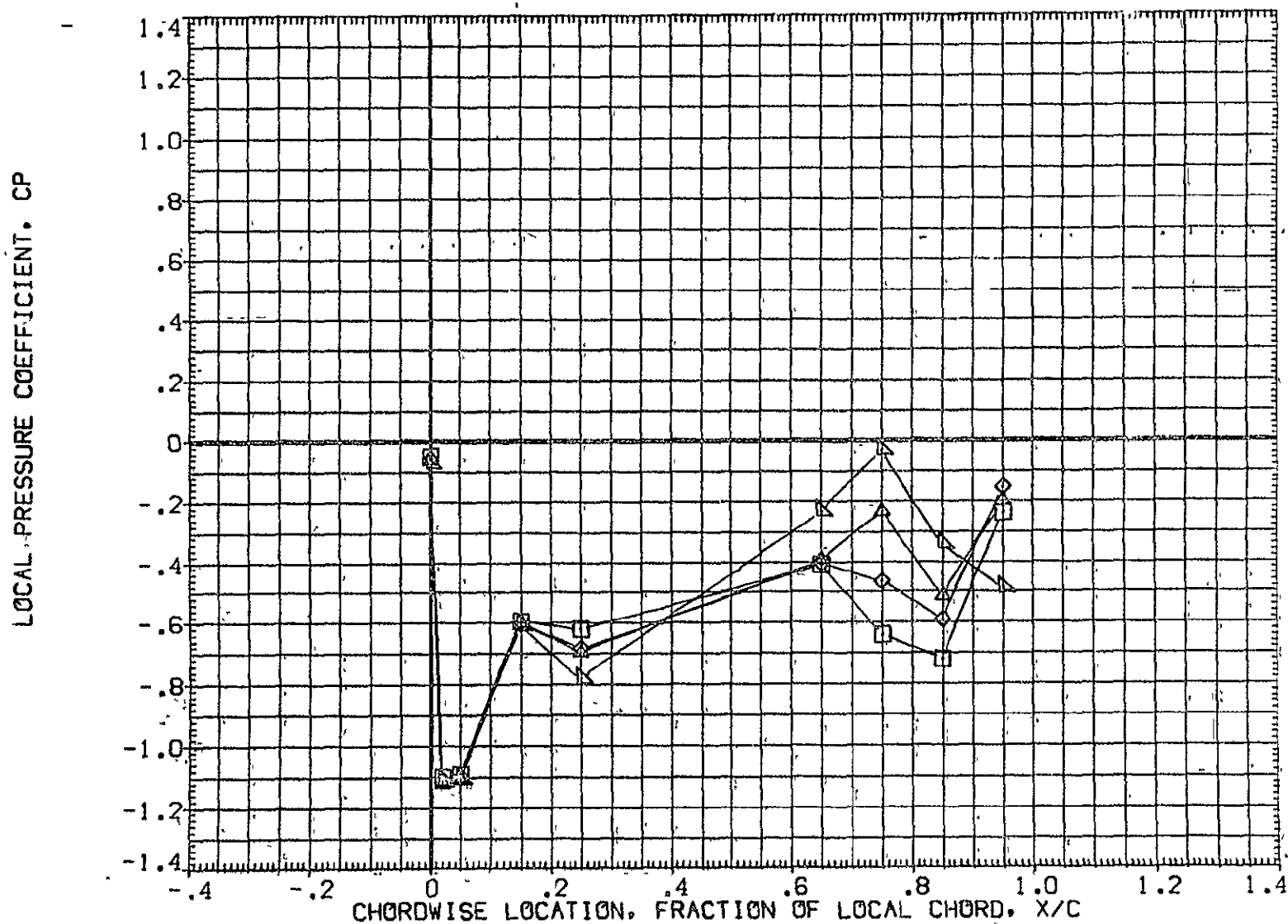


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

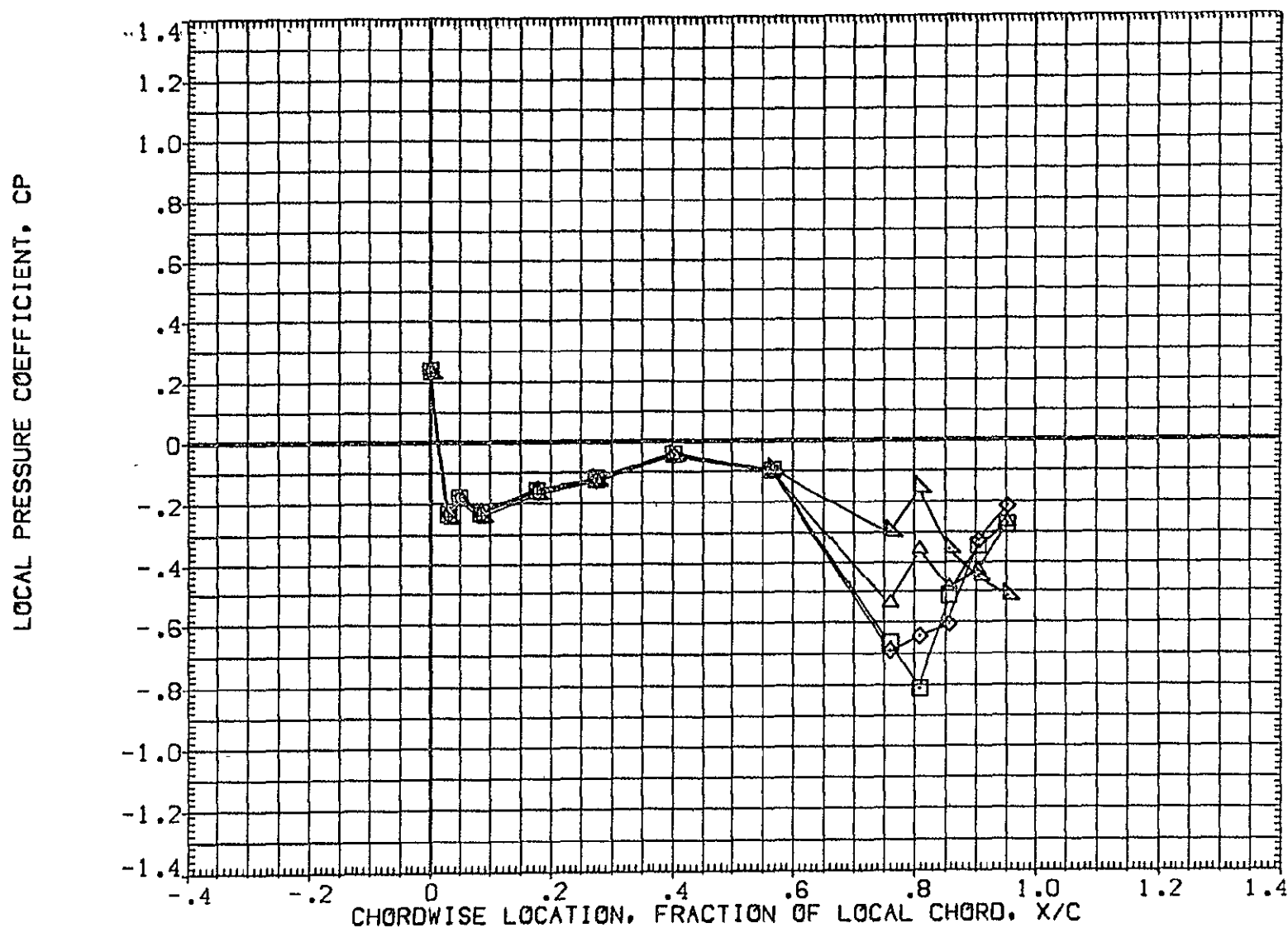


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -6.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

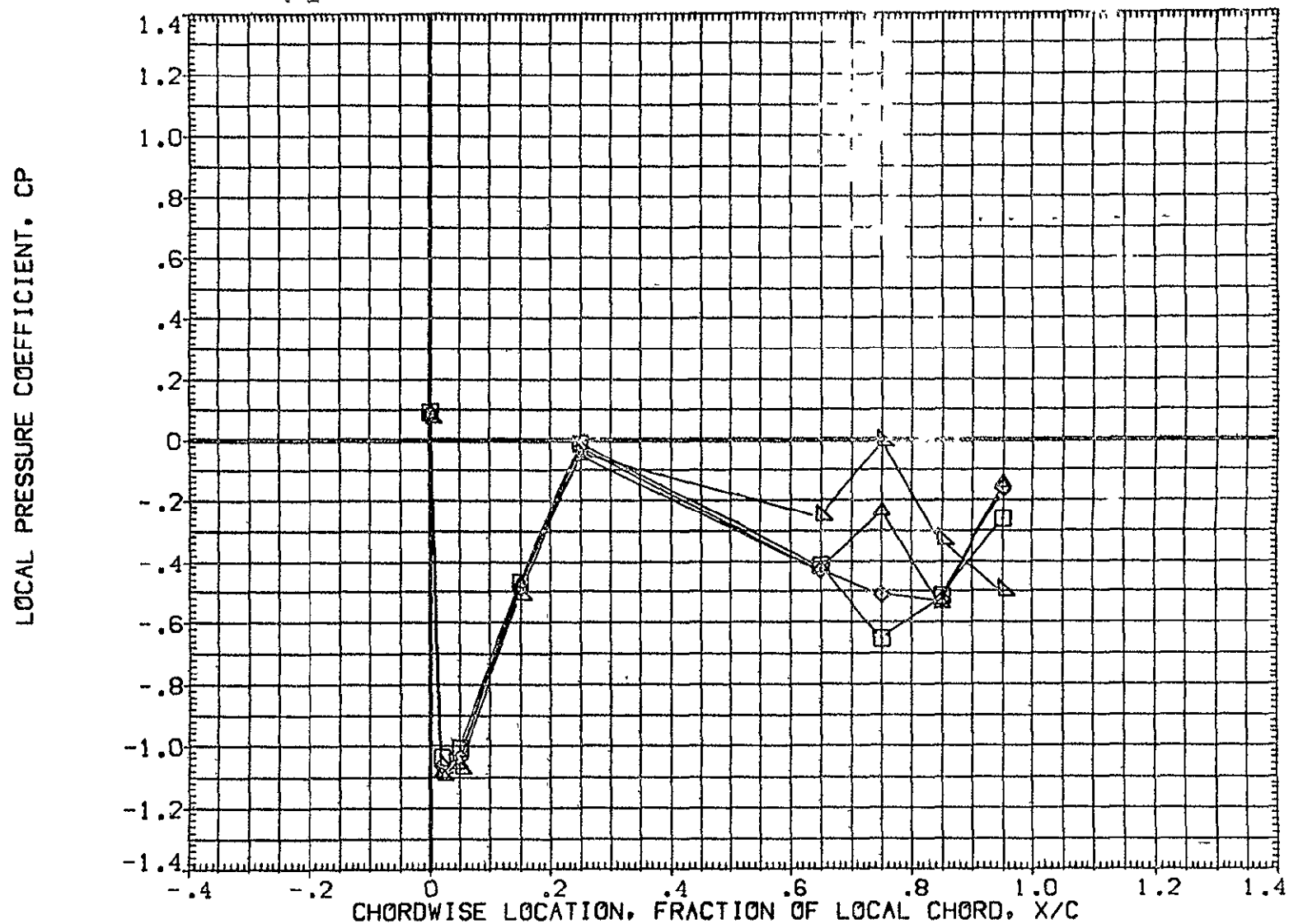


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

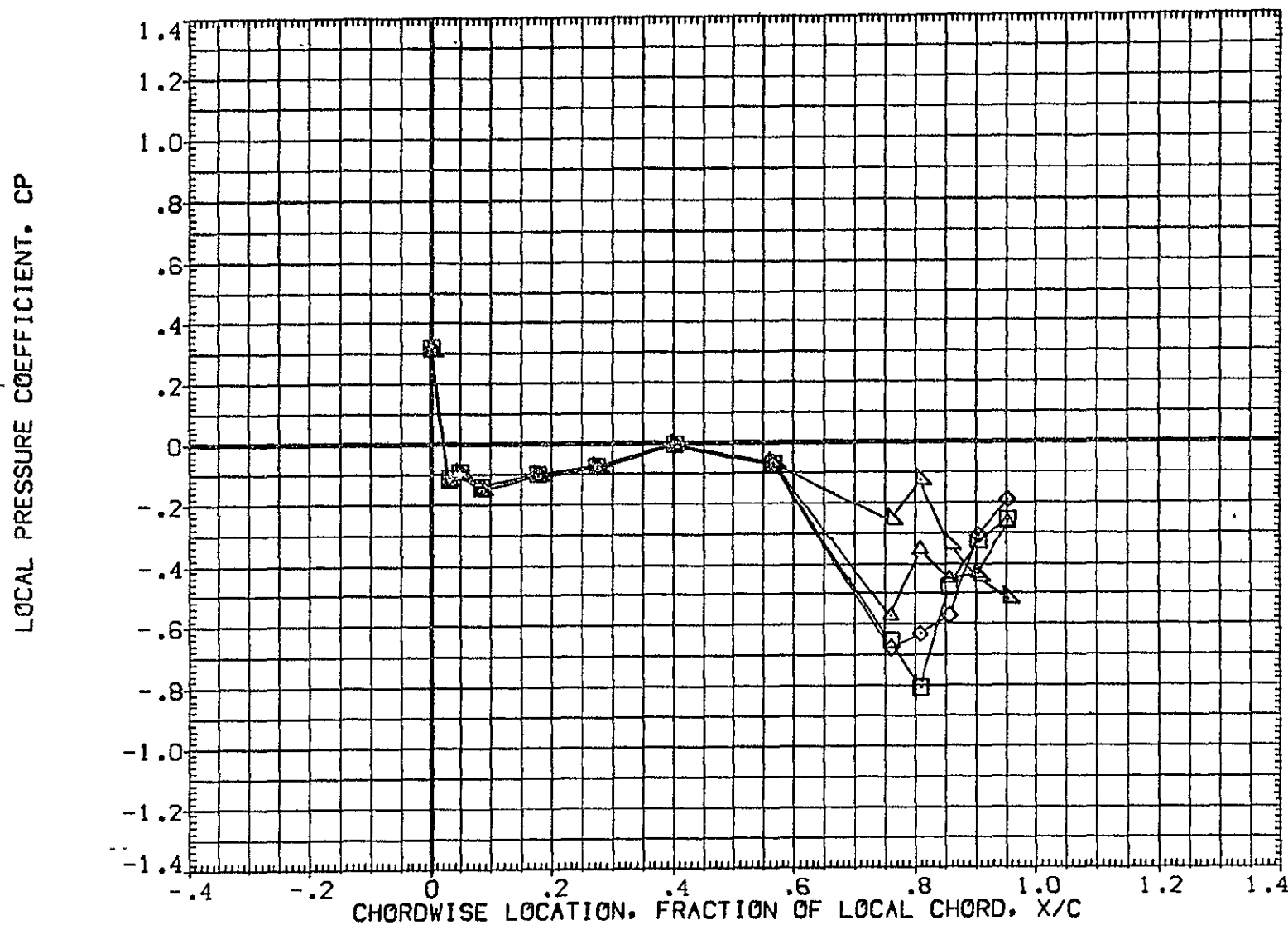


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -4.000 2Y/B = .436 PAGE 705

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

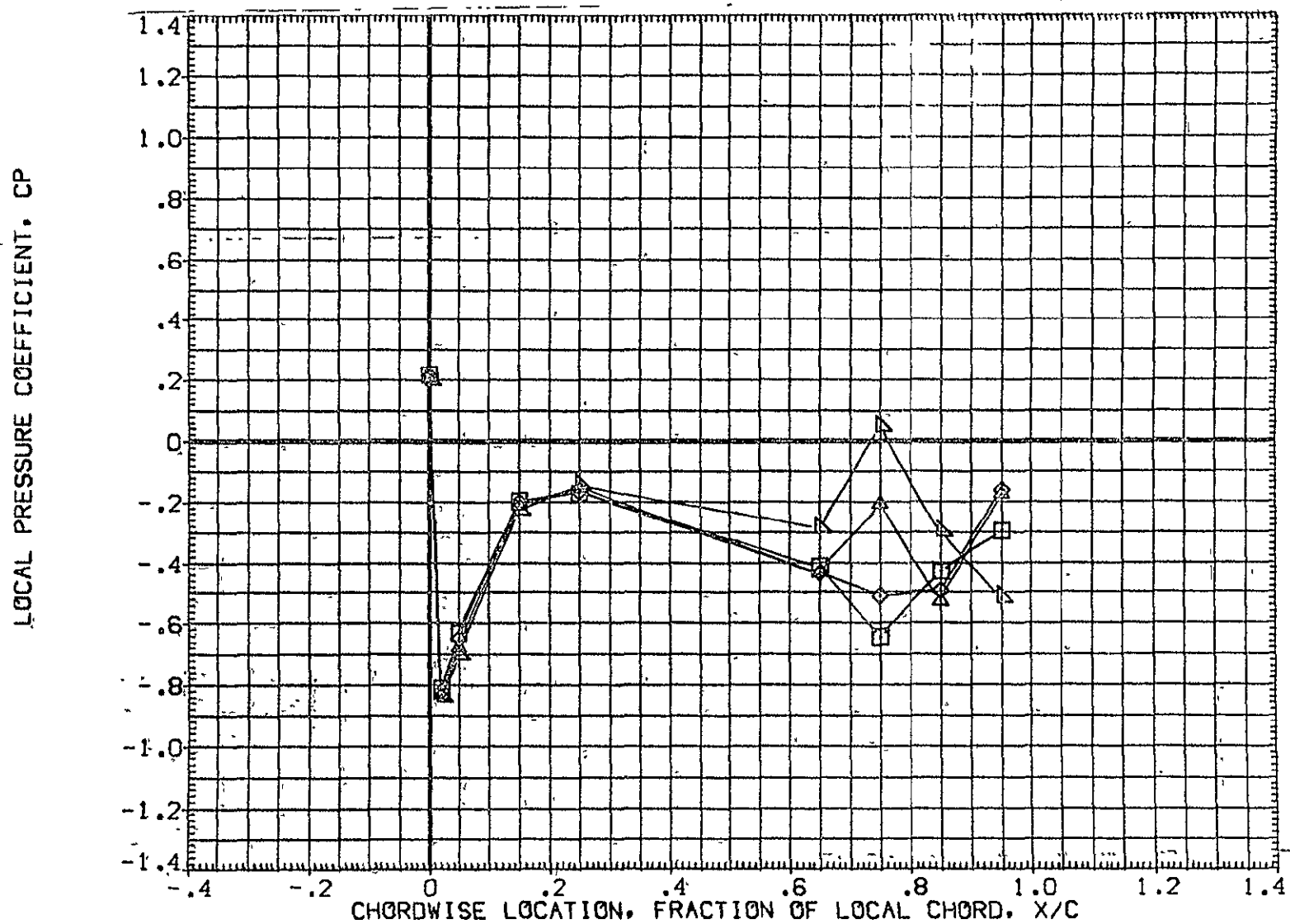


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -4.000 2Y/B = .771 PAGE 706

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

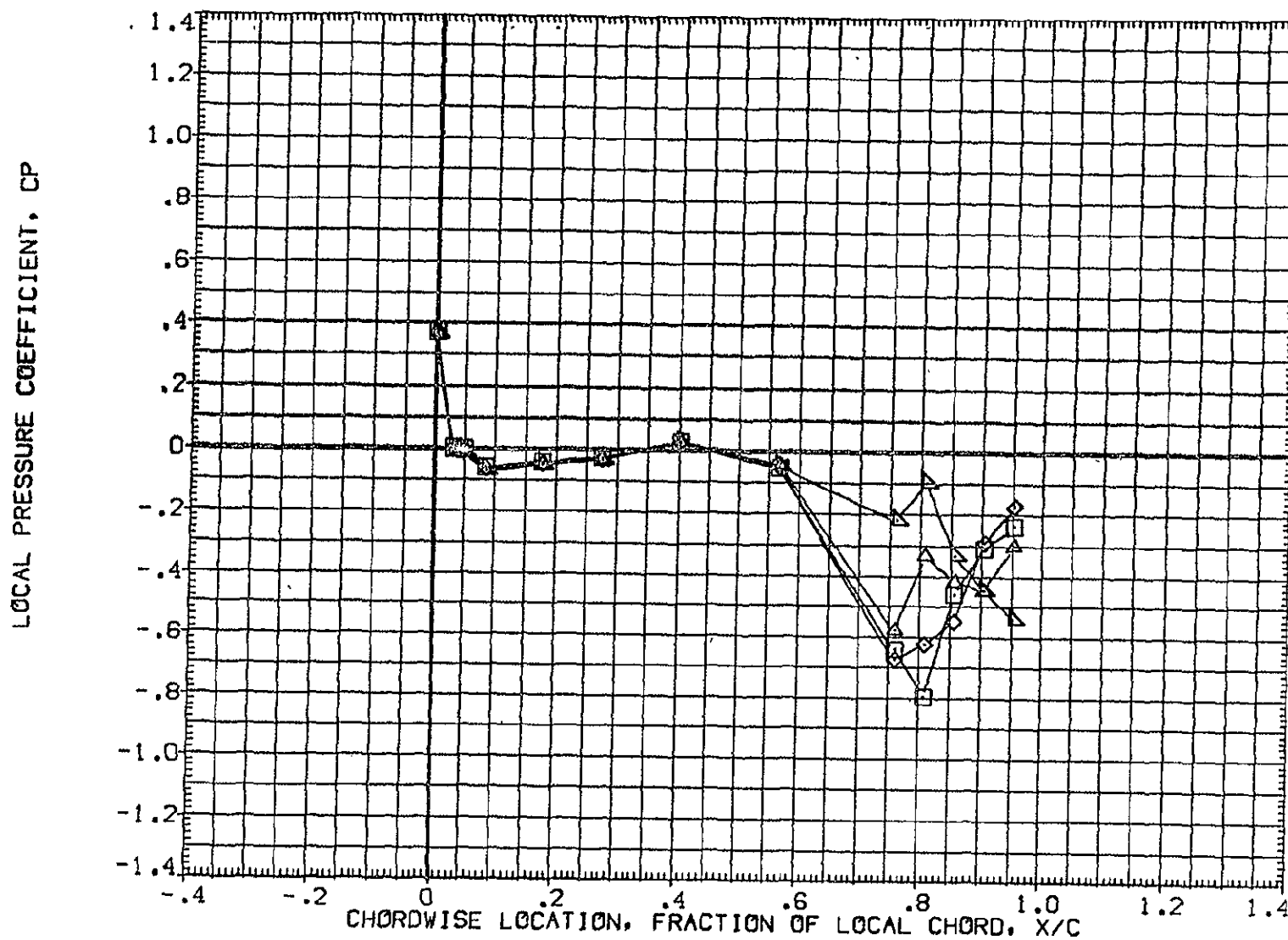


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -2.000 2Y/B = .436 PAGE 707

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L45]	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7L50]	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7L55]	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7L60]	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

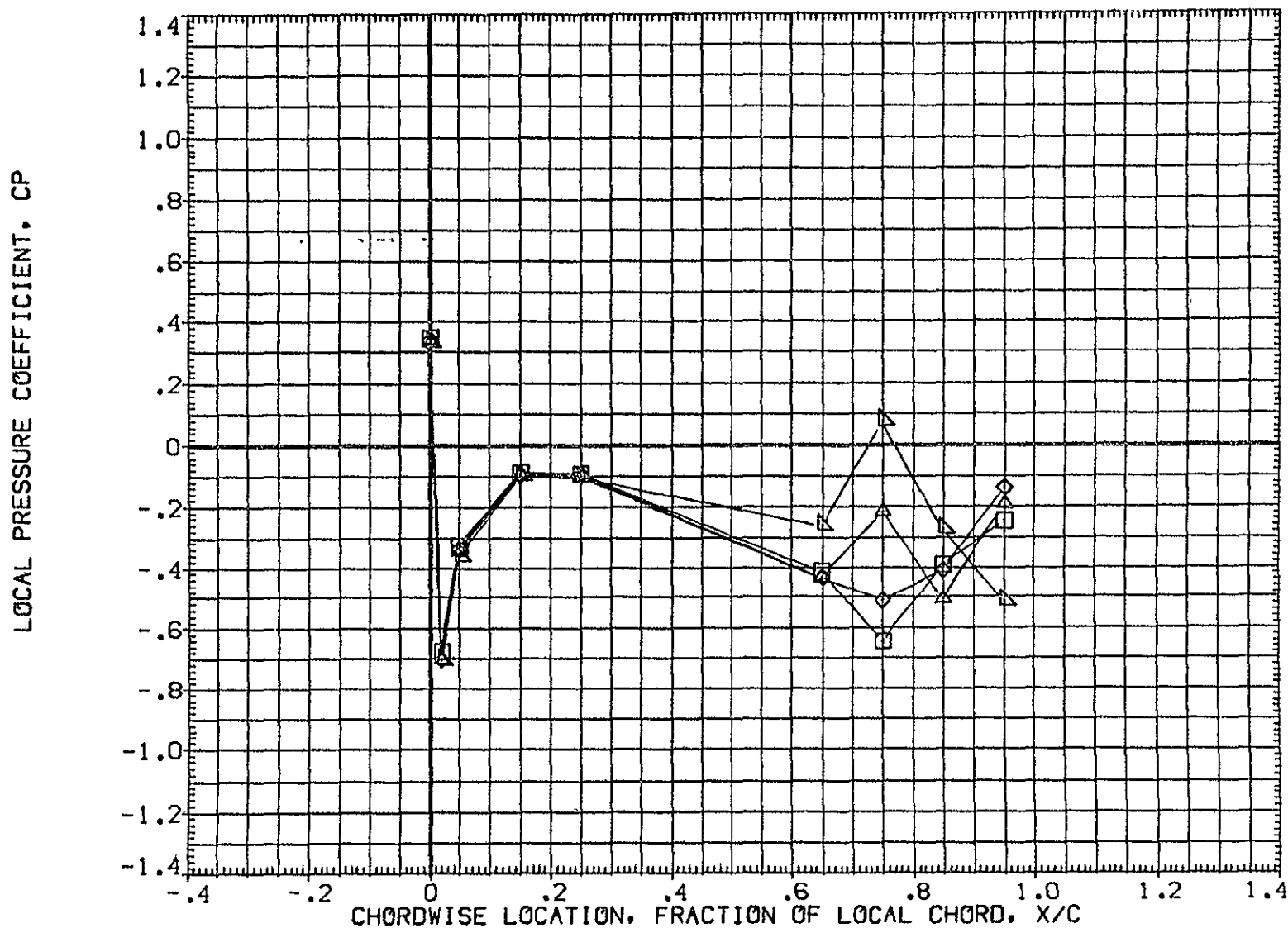


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -2.000 2Y/B = .771 PAGE 708

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

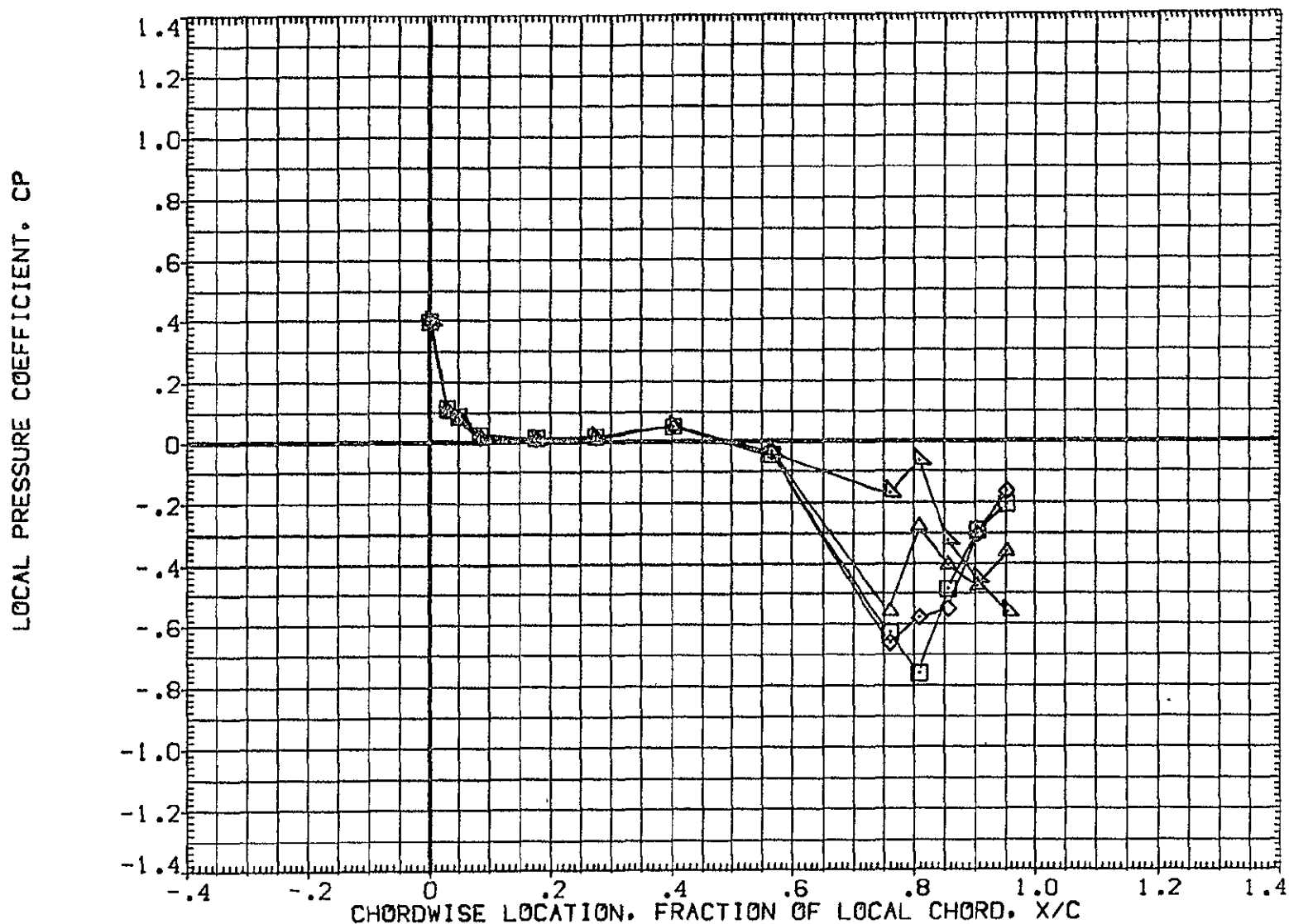


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = .000 2Y/B = .436 PAGE 709

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

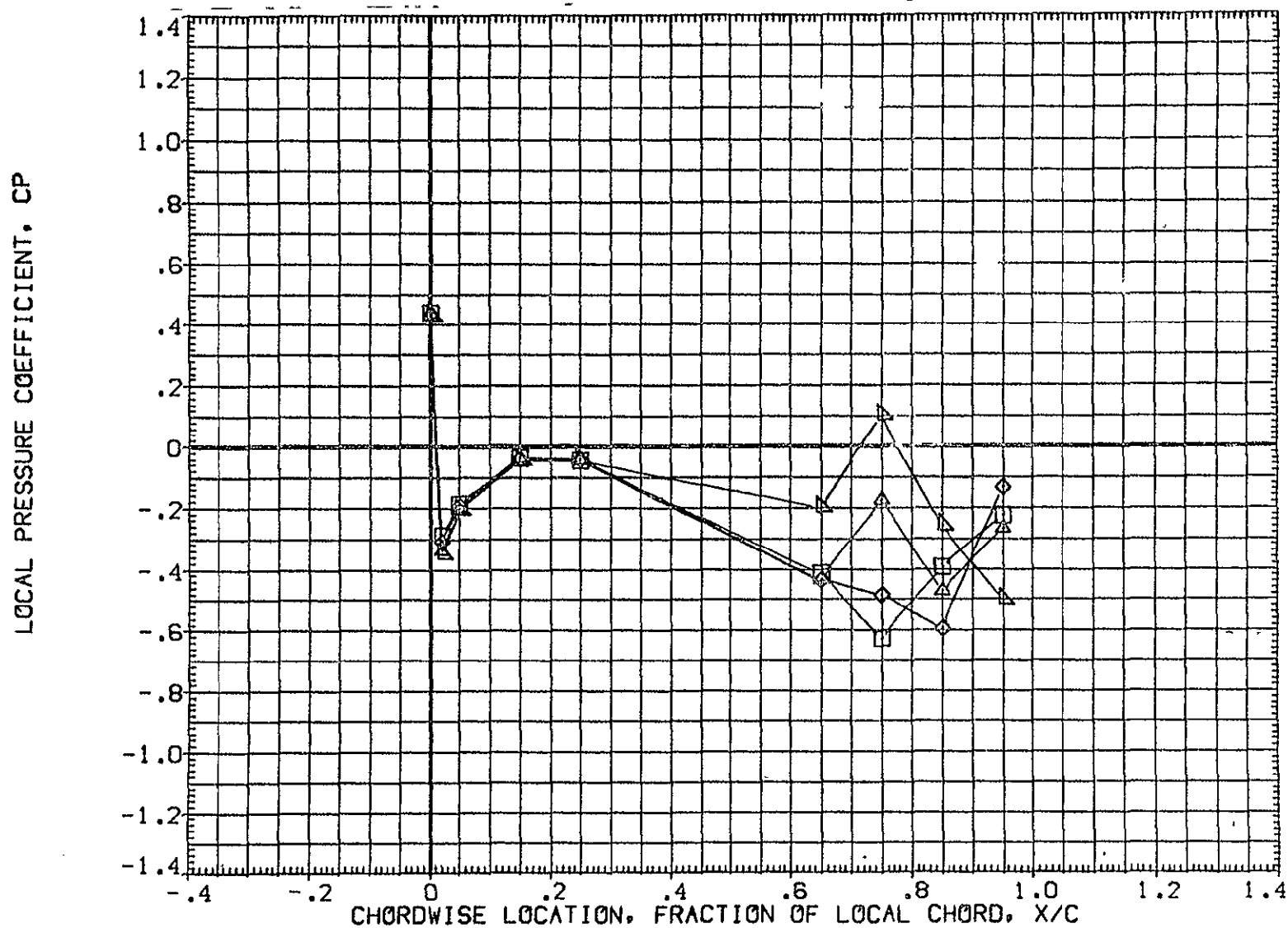


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = .000 2Y/B = .771 PAGE 710

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

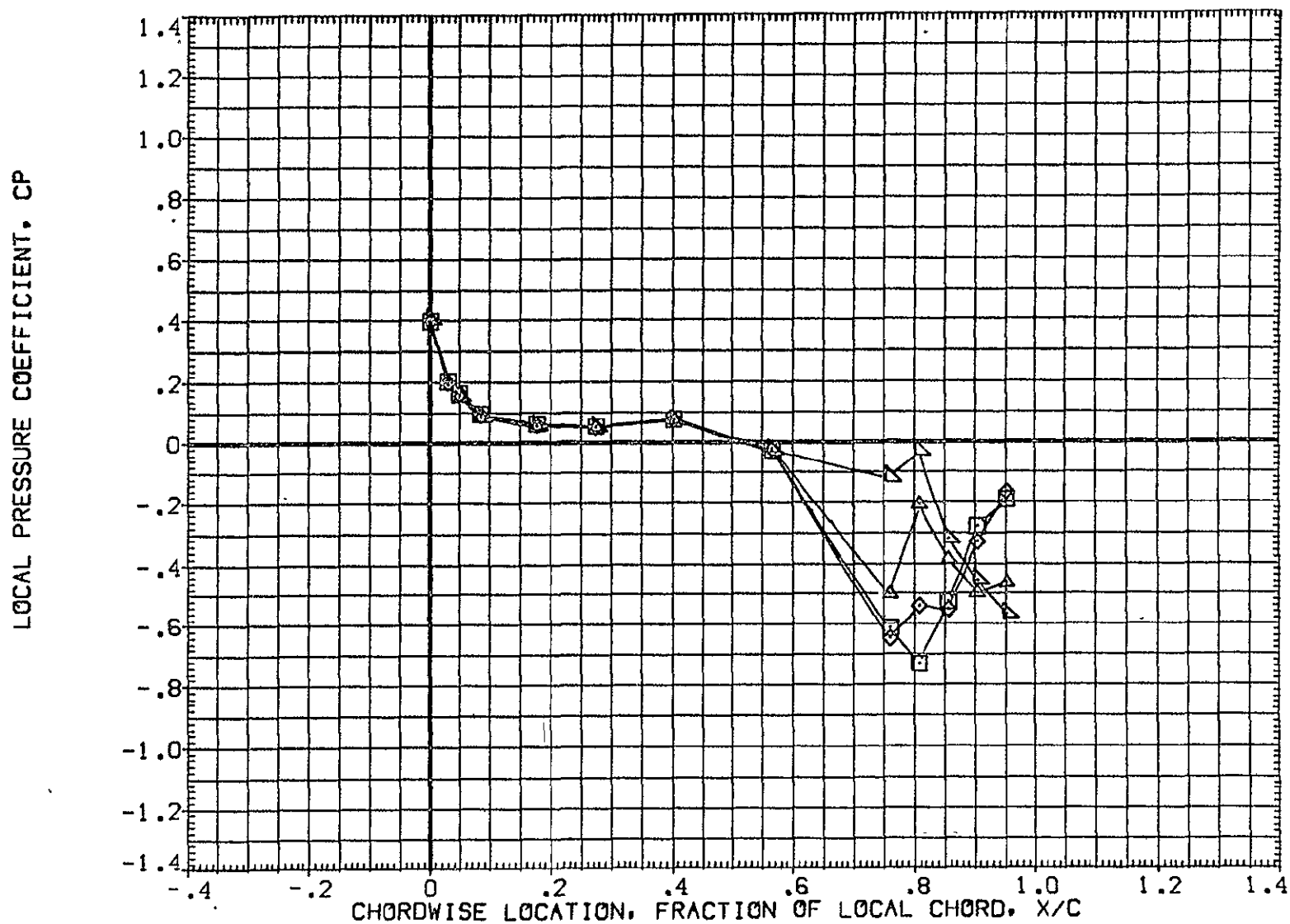


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 2.000 2Y/B = .436 PAGE 711



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	(A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L50)	(A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7L55)	(A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L60)	(A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING LOWER SURFACE				

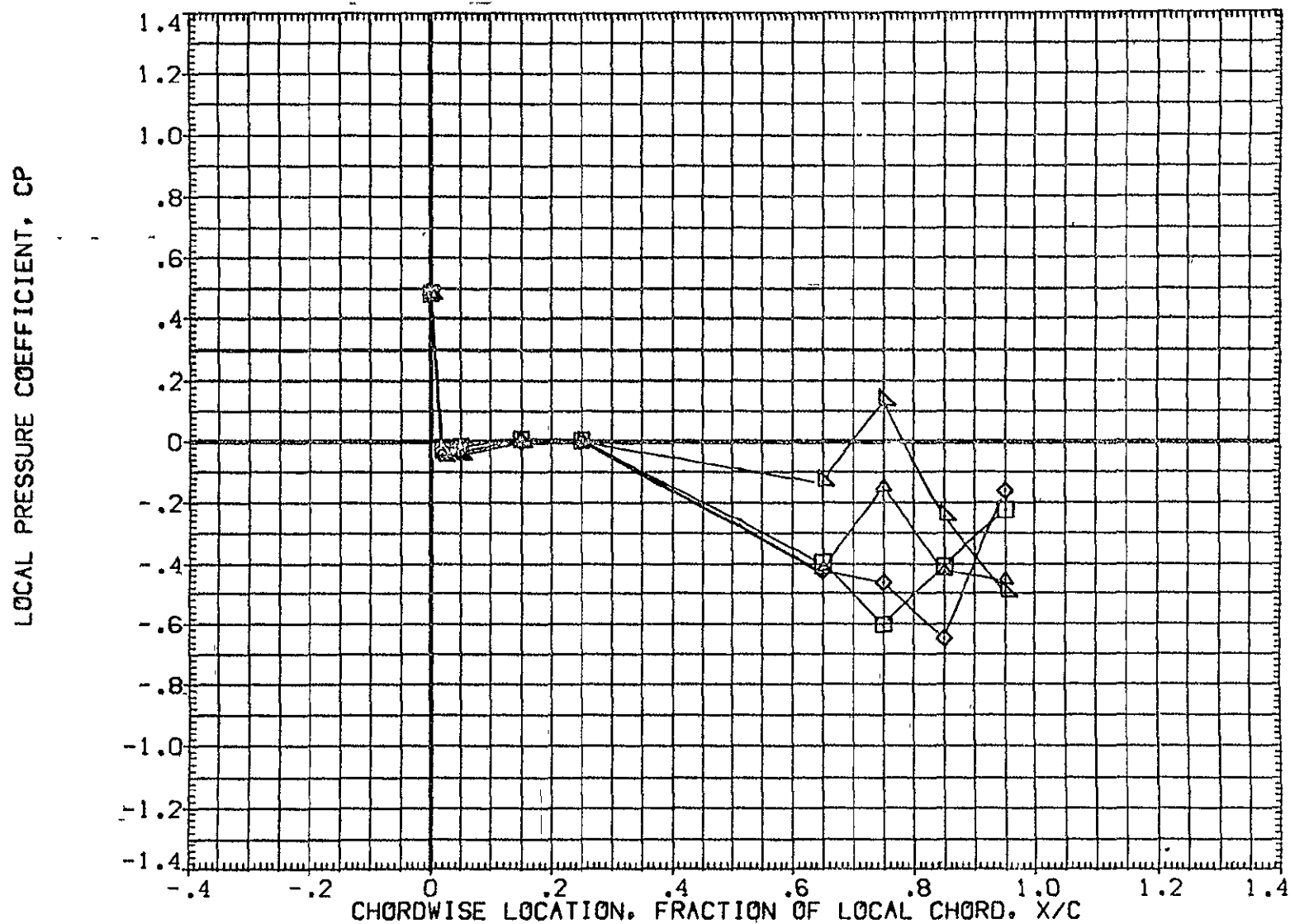


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 2.000 2Y/B = .771 PAGE 712

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7L64 }	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{ AF7L45 }	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{ AF7L50 }	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{ AF7L55 }	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{ AF7L60 }	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

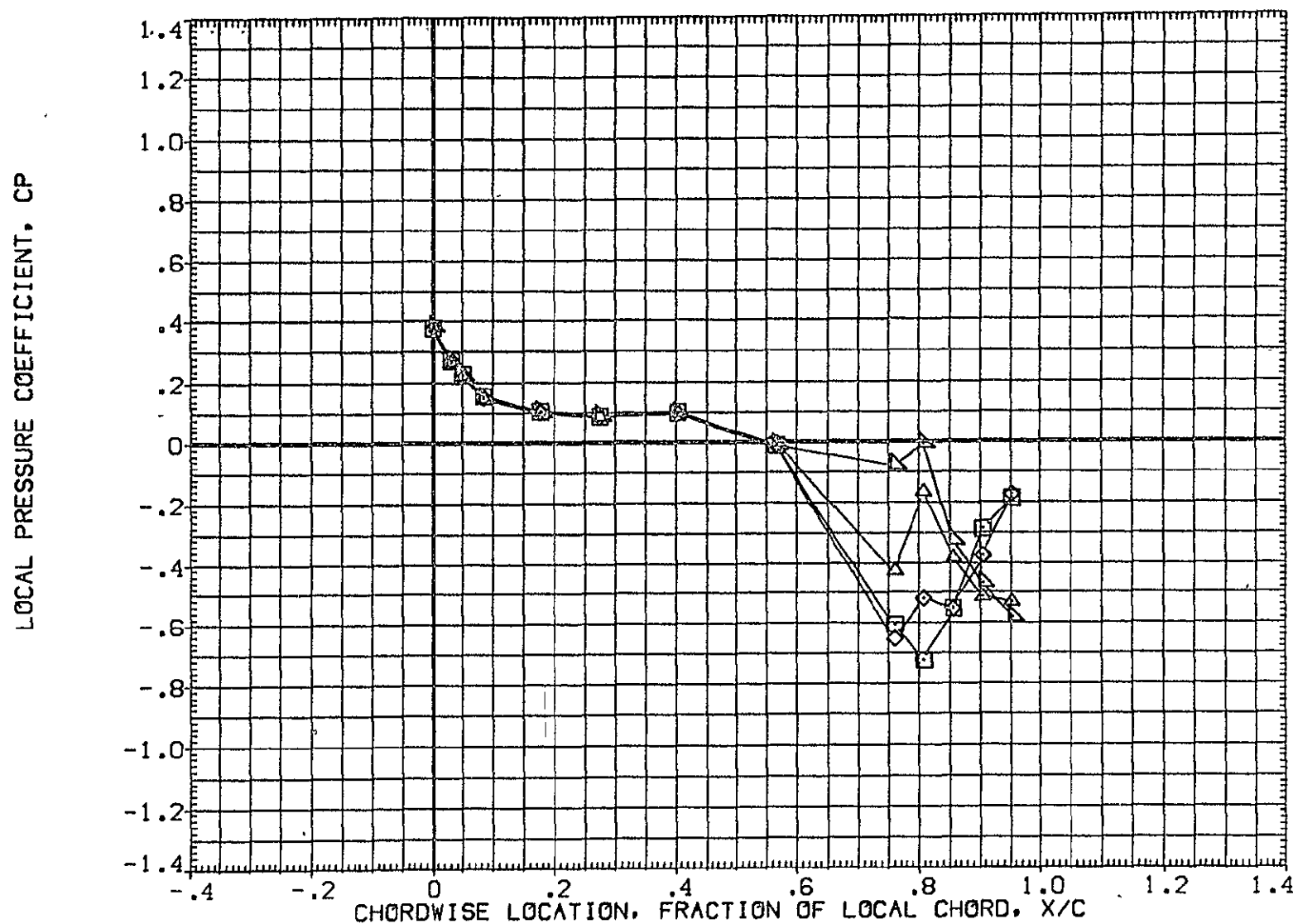


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

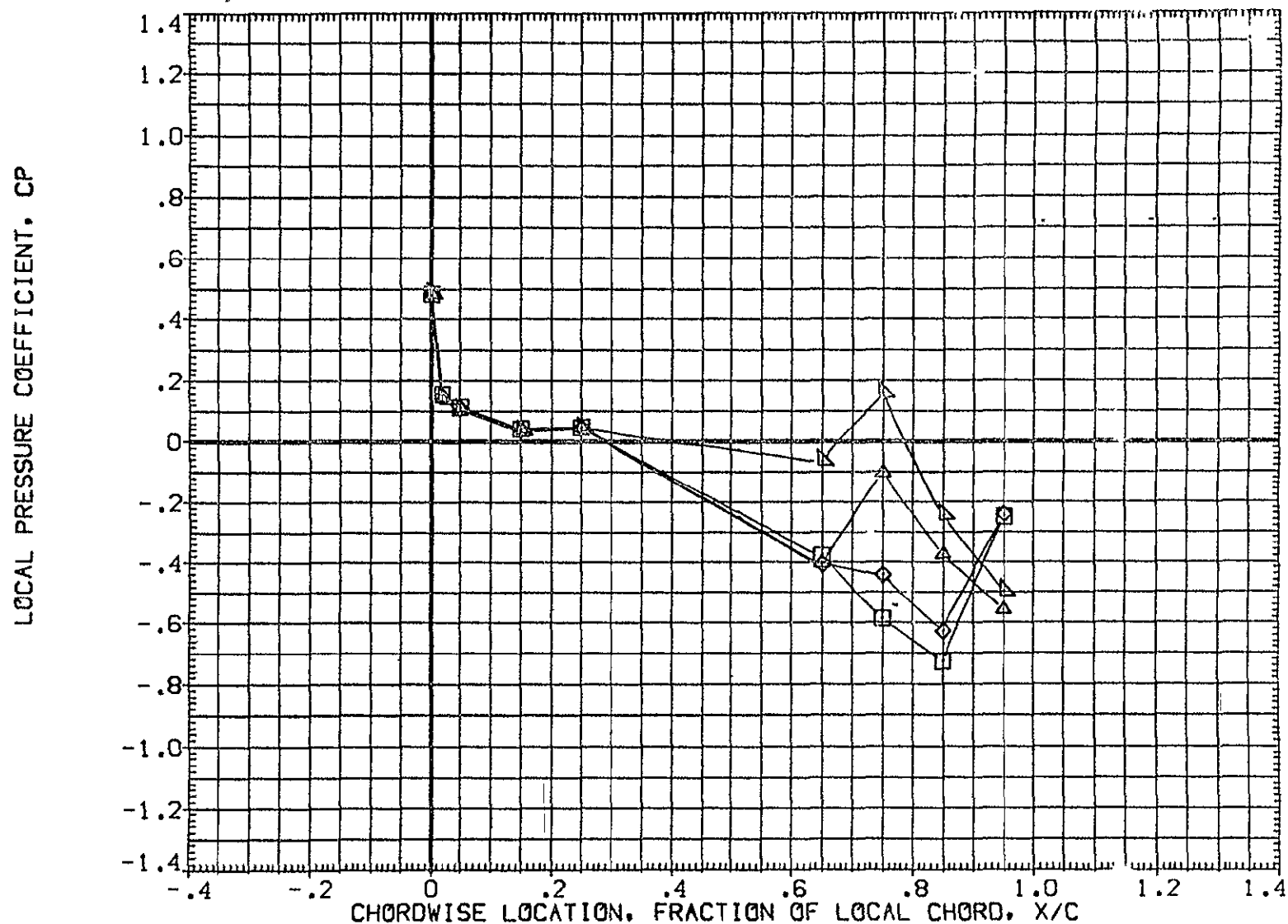


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 4.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	○	DATA NOT AVAILABLE		-4.000	.000	-4.000	-4.000
{AF7L45}	□	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	◇	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	△	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	▽	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

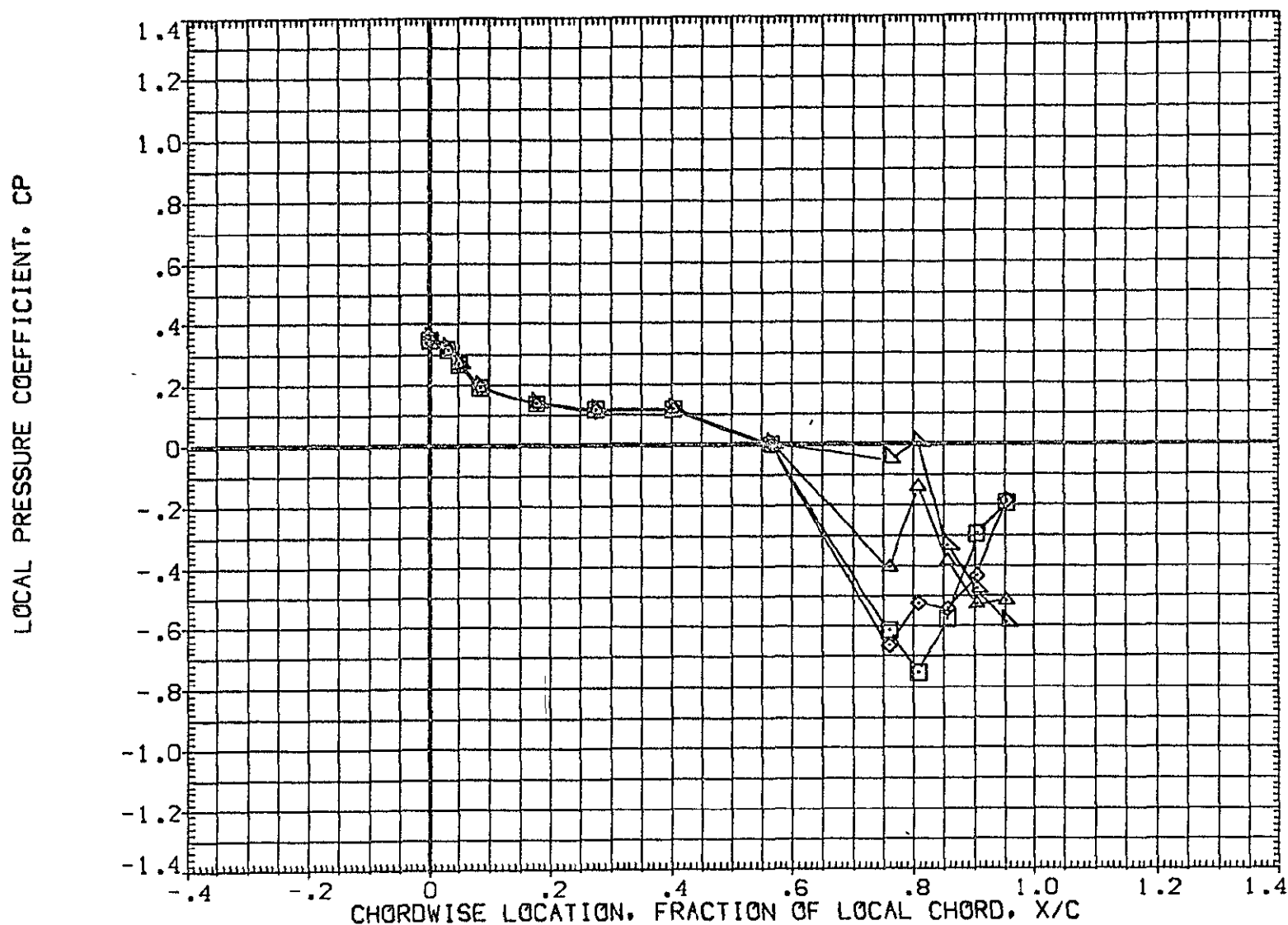


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 6.000 2Y/B = .436 PAGE 715

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L45]	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7L50]	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7L55]	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7L60]	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING LOWER SURFACE				

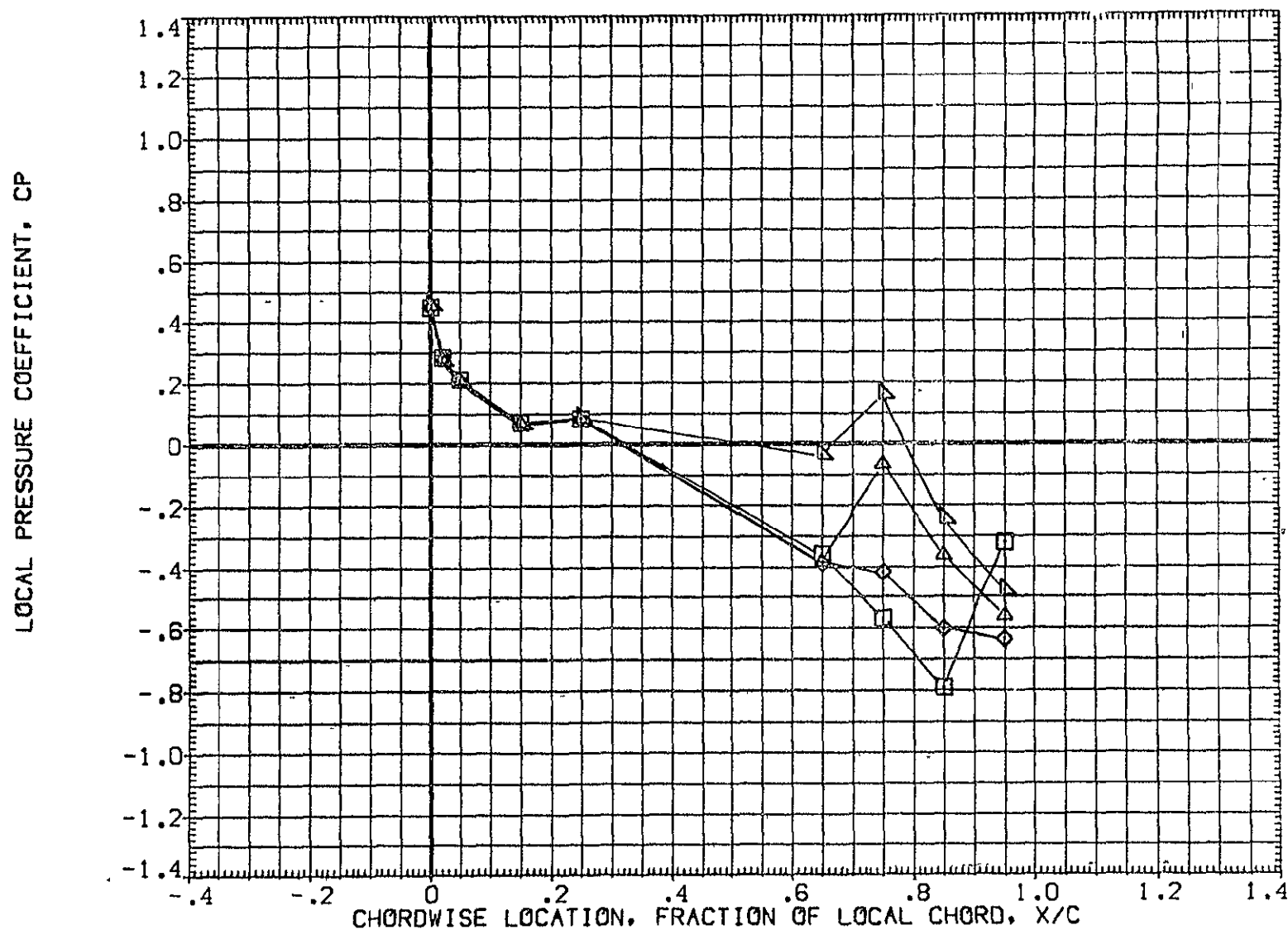


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 6.000 2Y/B = .771 PAGE 716

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	□	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L45]	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	△	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

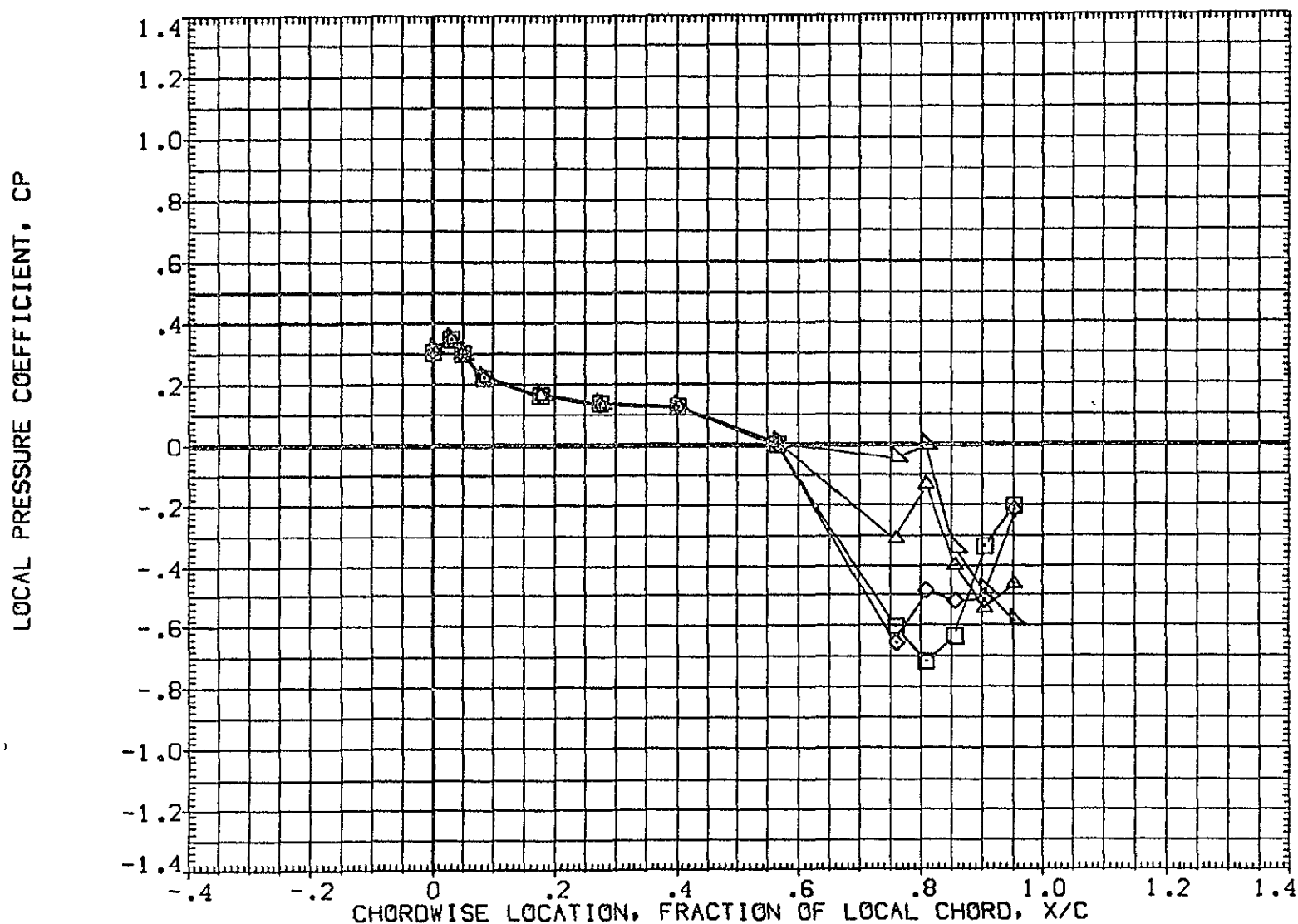


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 8.000 2Y/B = .436 PAGE 717

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	{A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7L50}	{A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7L55}	{A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7L60}	{A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

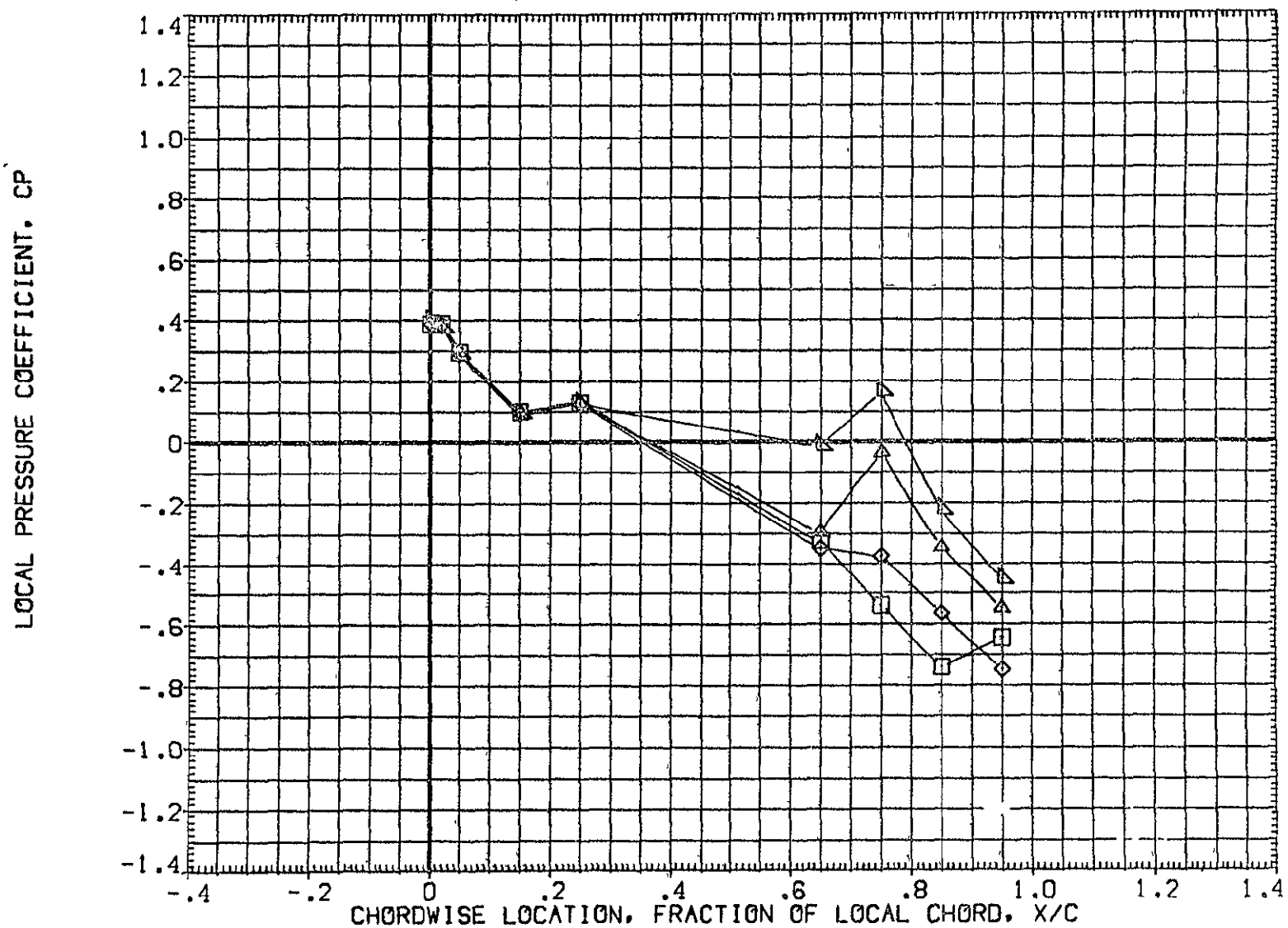


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 8.000 2Y/B = .771 PAGE 718

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L45]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

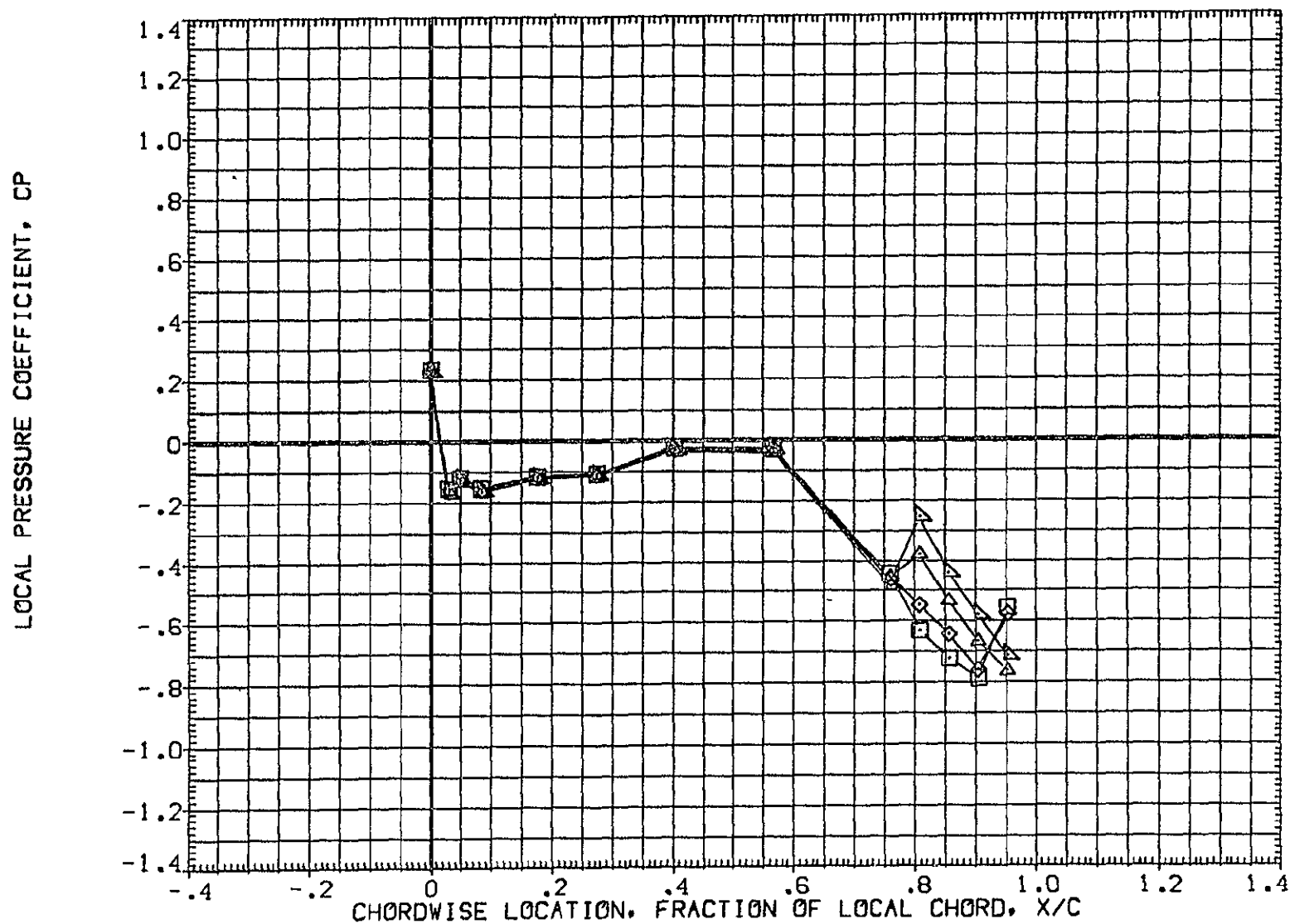


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING LOWER SURFACE				

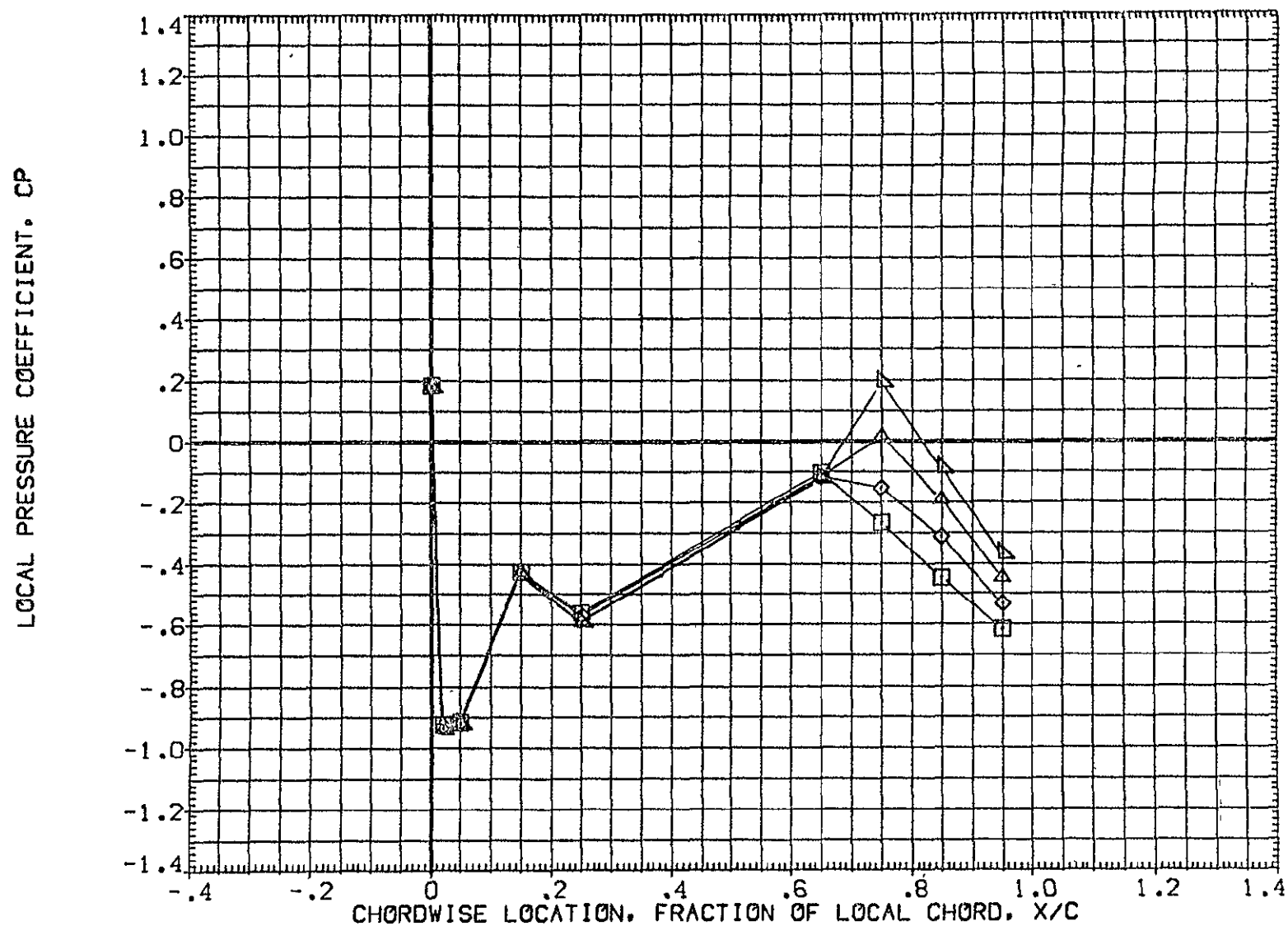


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -8.000 2Y/B = .771 PAGE 720

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

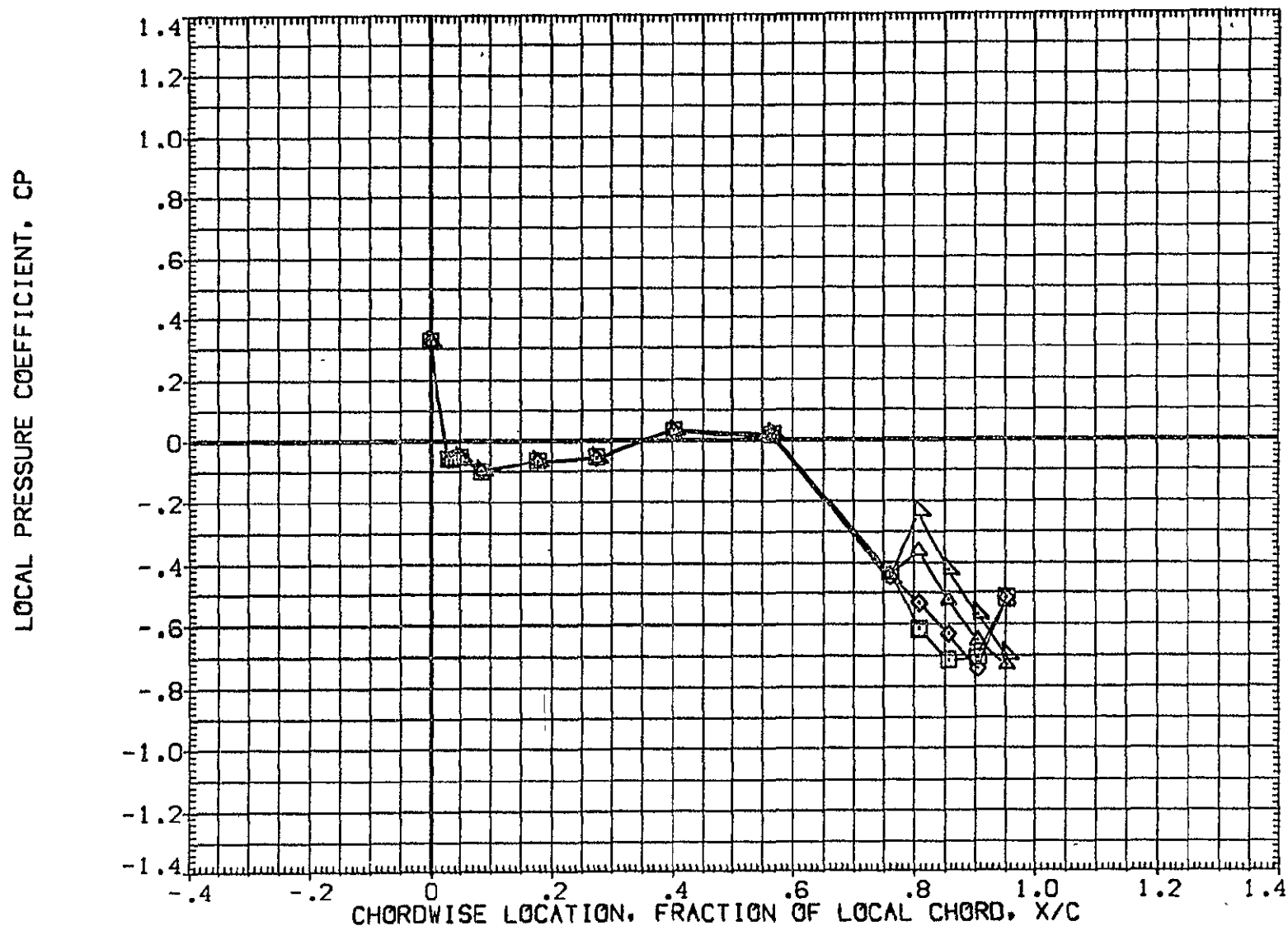


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -6.000 2Y/B = .436 PAGE 721

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

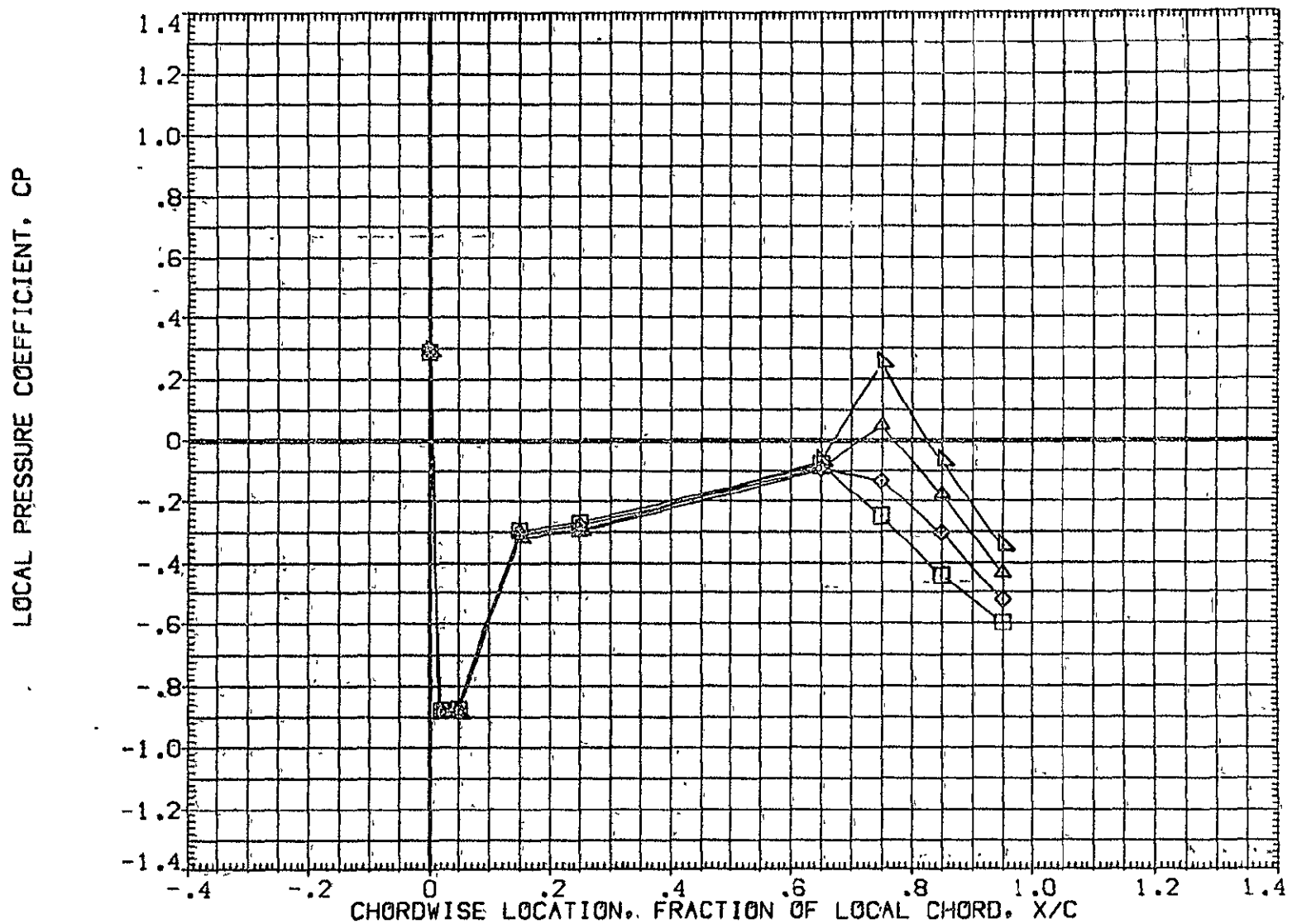


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -6.000 2Y/B = .771 PAGE 722

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

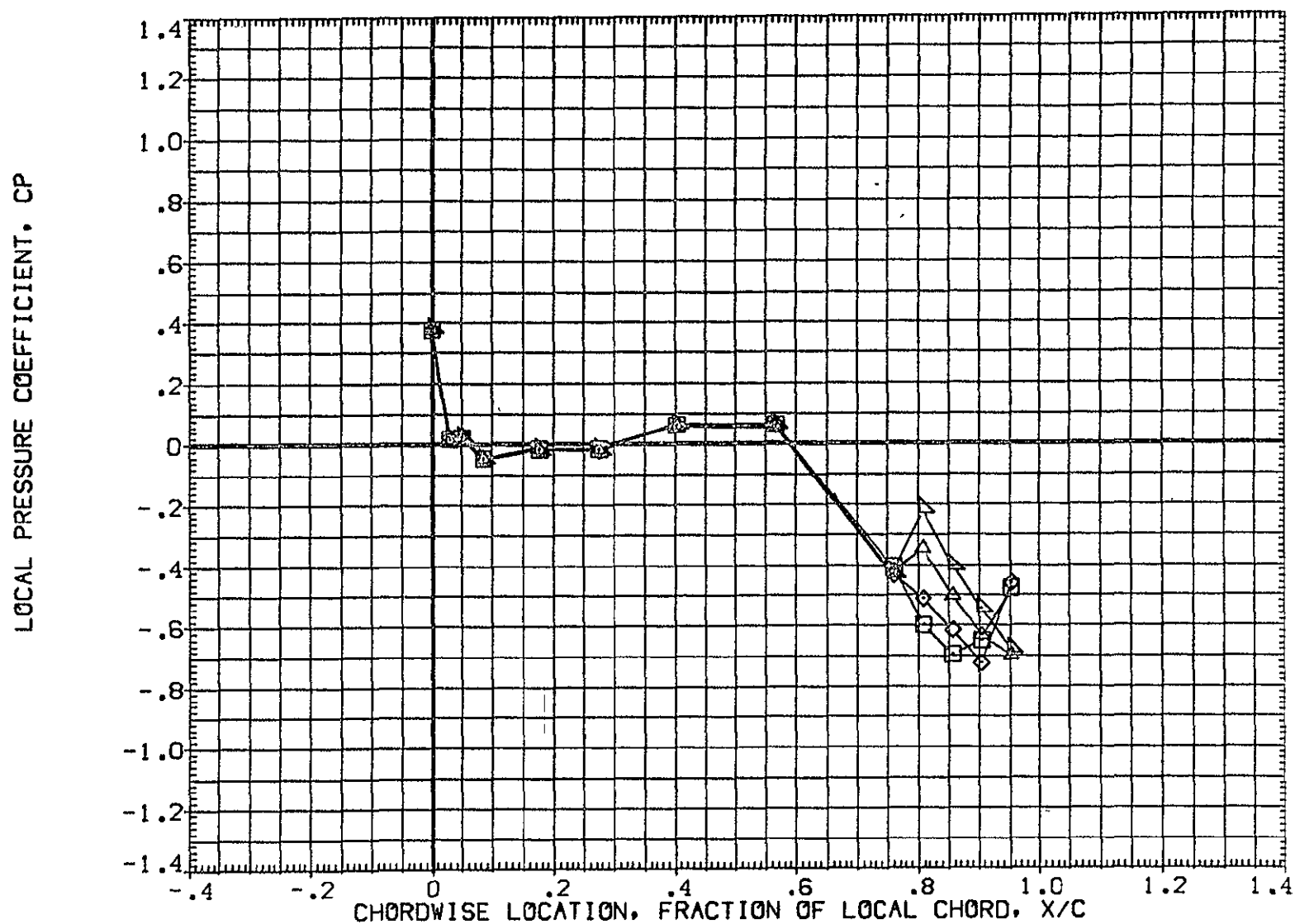


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -4.000 2Y/B = .436 PAGE 723

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L45]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

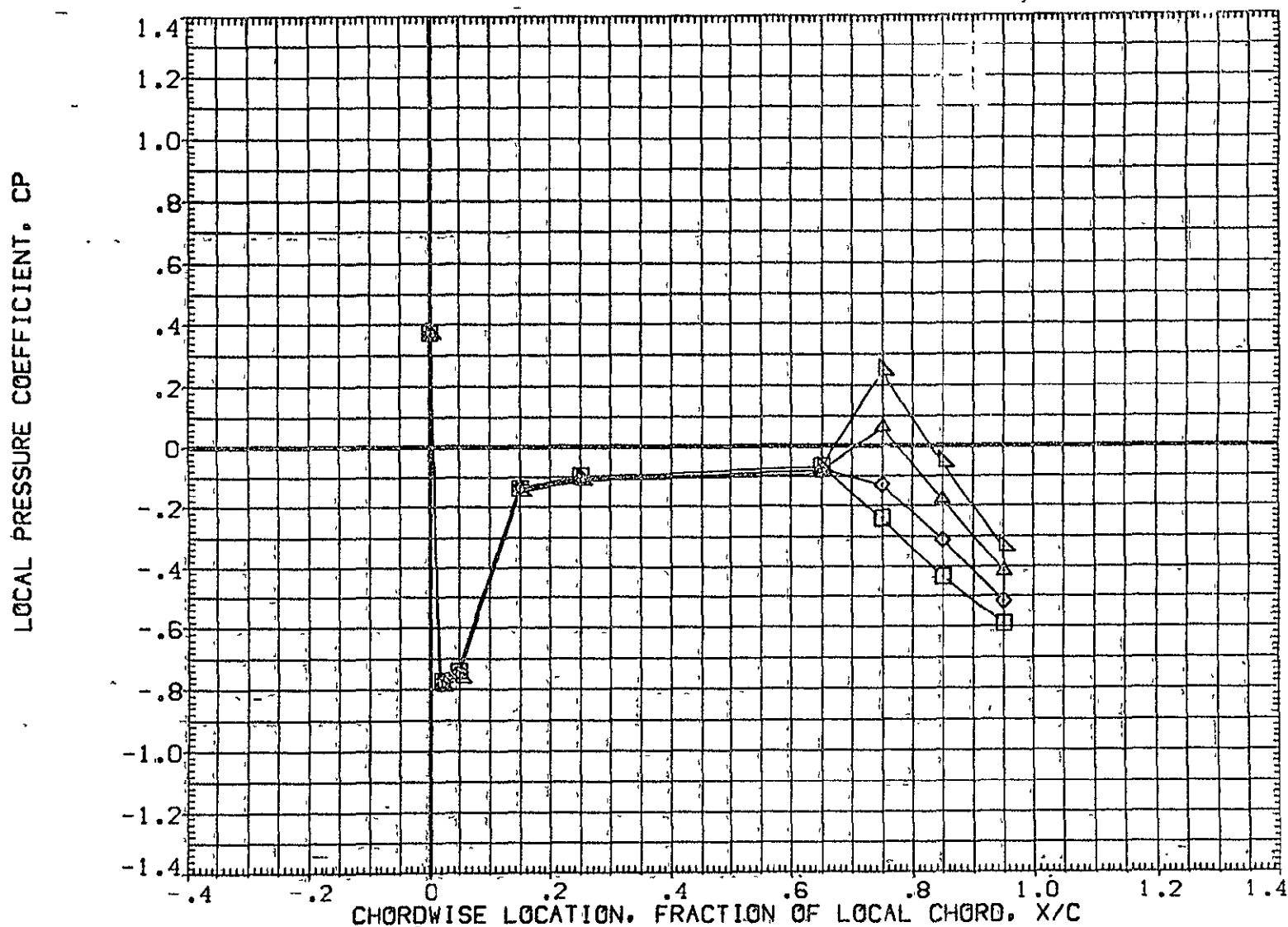


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -4.000 2Y/B = .771 PAGE 724

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L45]	[A70] 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	[A70] 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	[A70] 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	[A70] 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

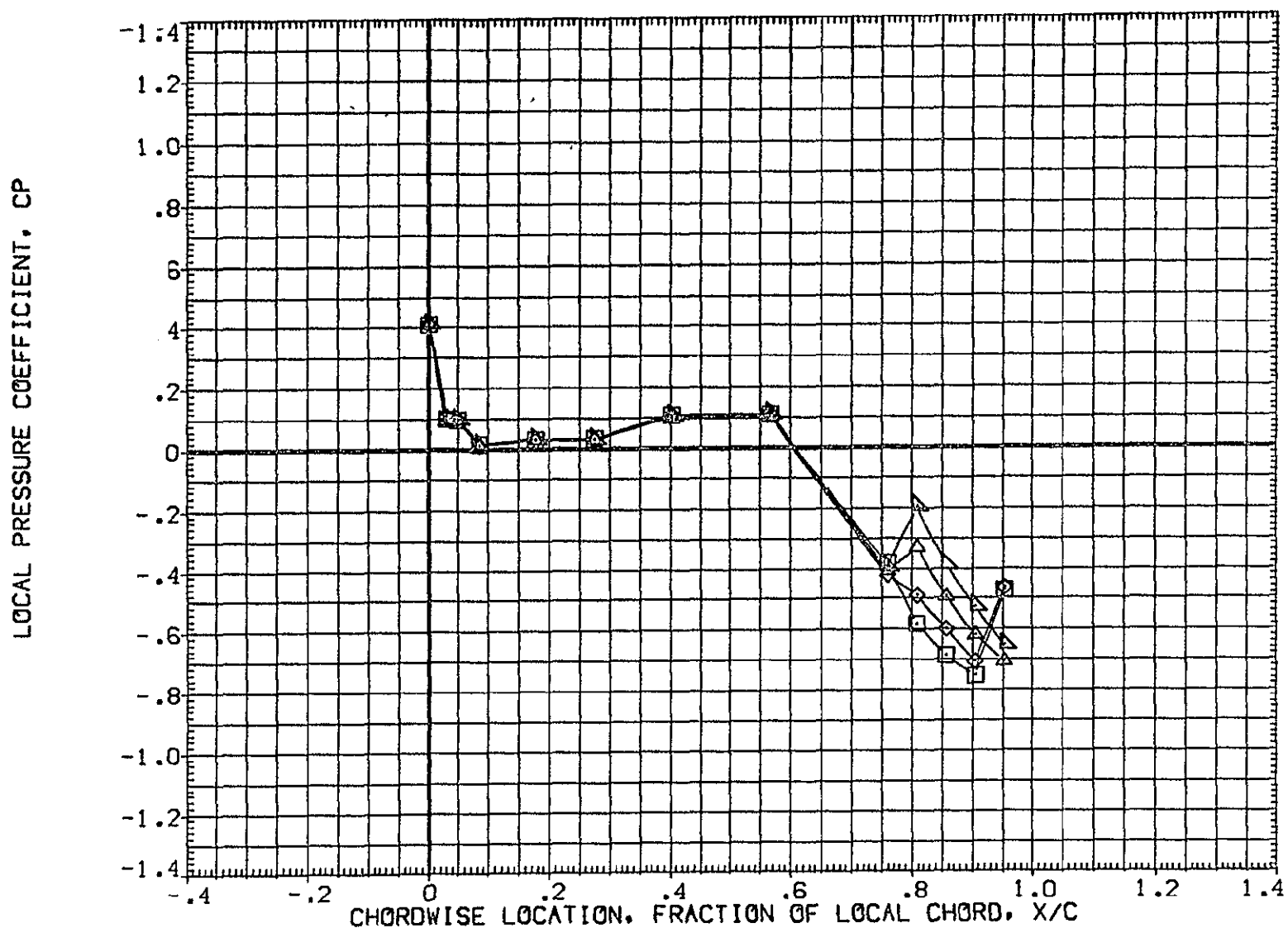


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

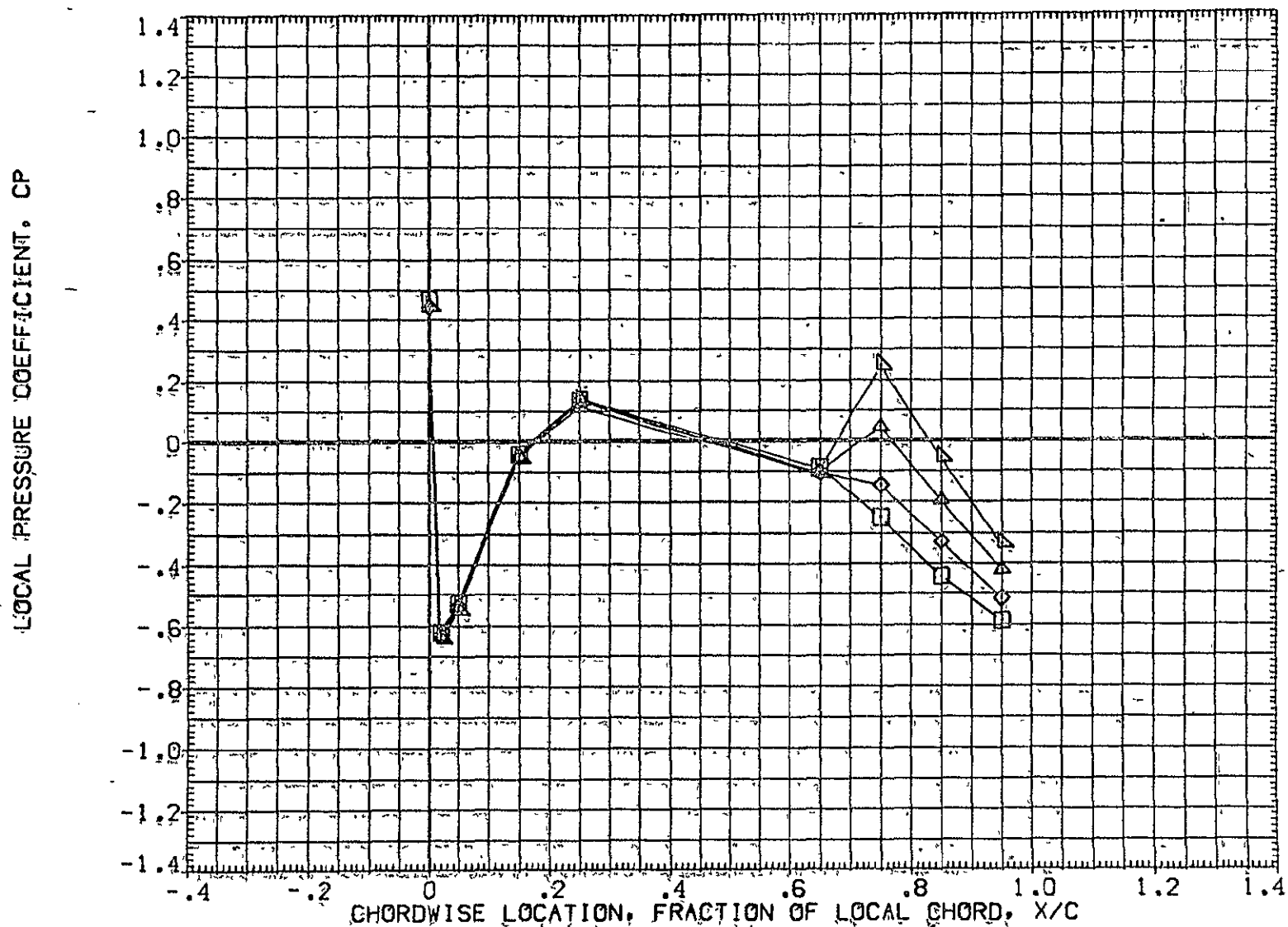


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -2.000 2Y/B = .771 PAGE 726

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

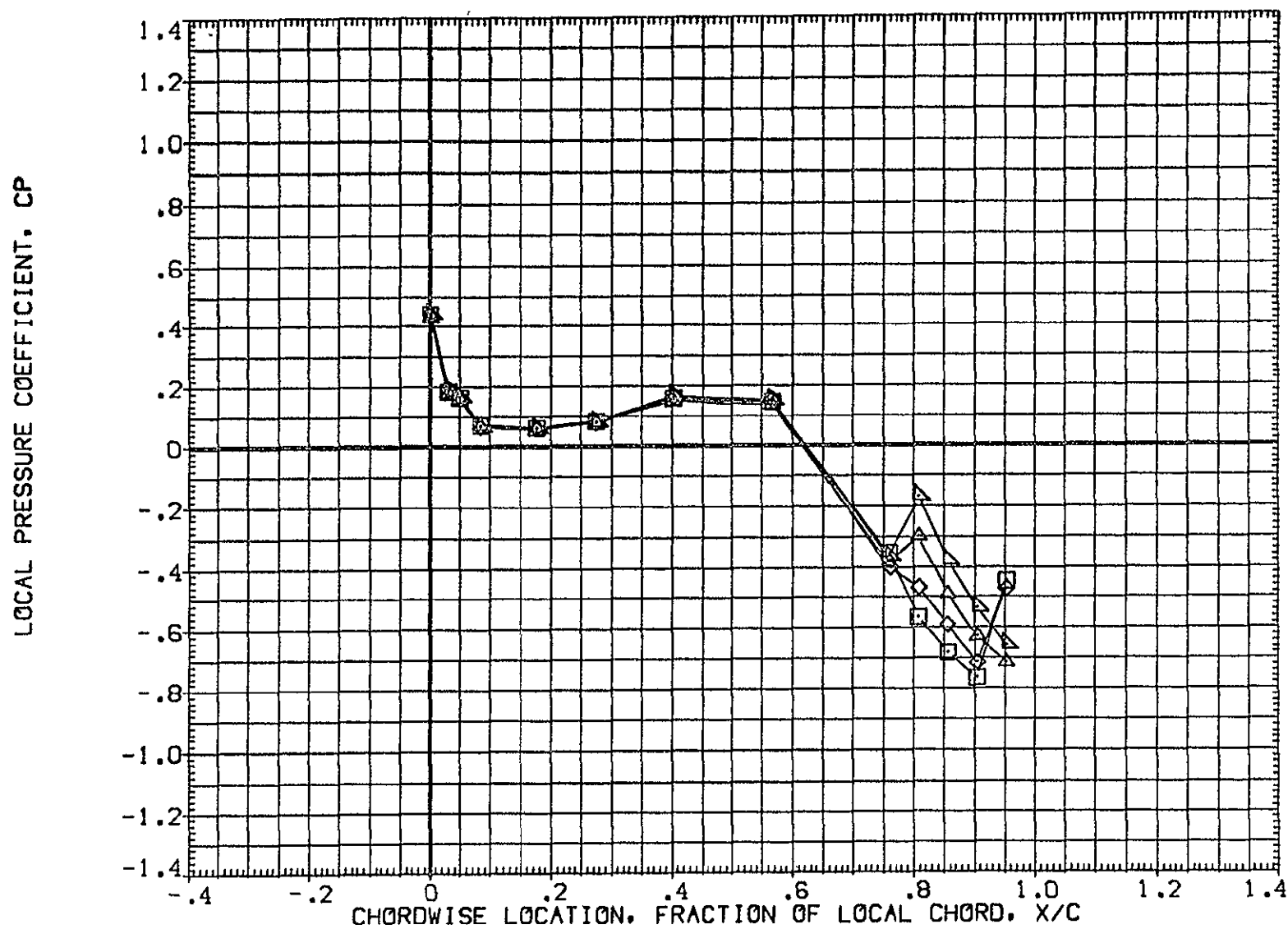


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = .000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	{A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7L50}	{A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7L55}	{A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7L60}	{A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

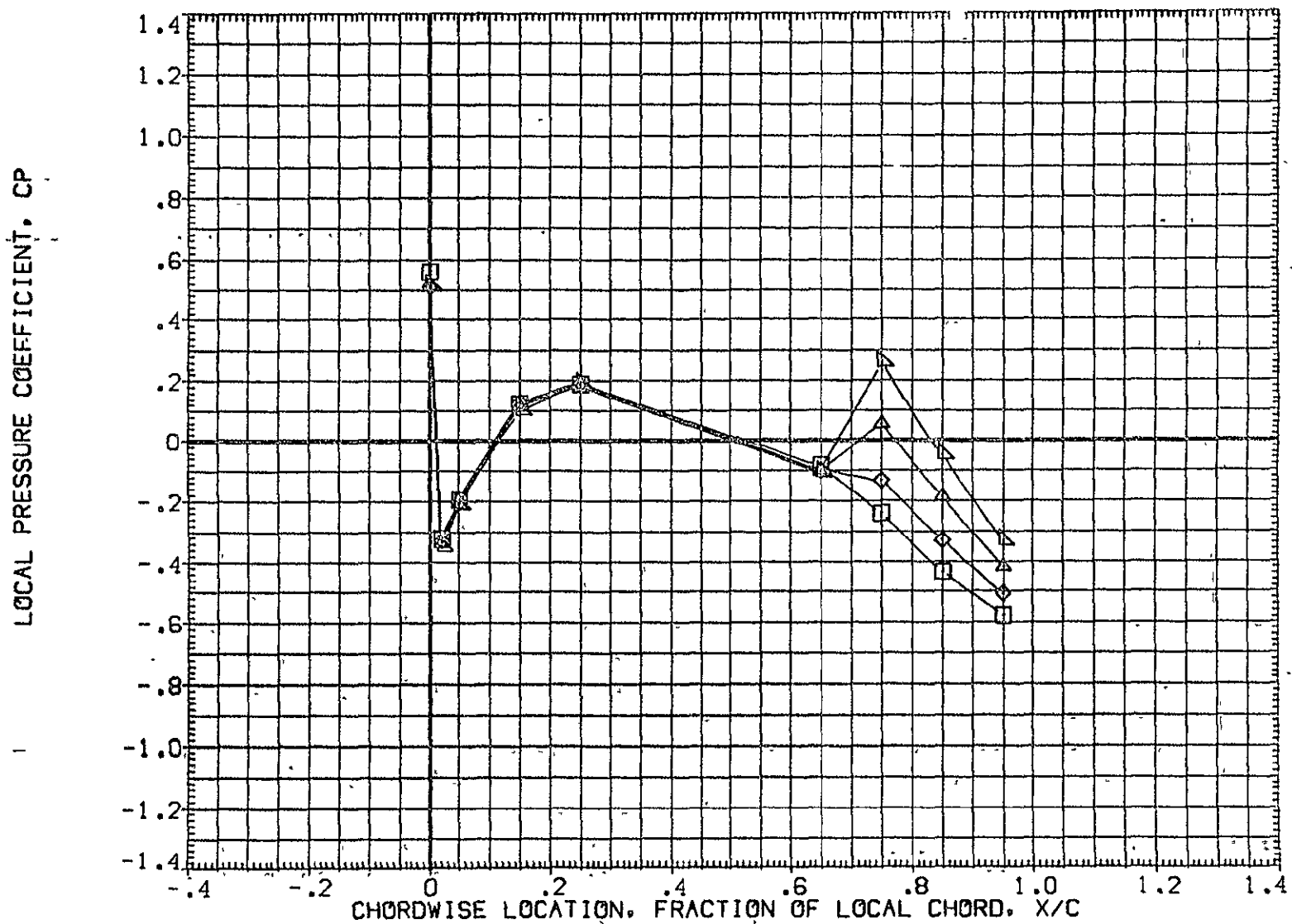


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = .000 2Y/B = .771 PAGE 728

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

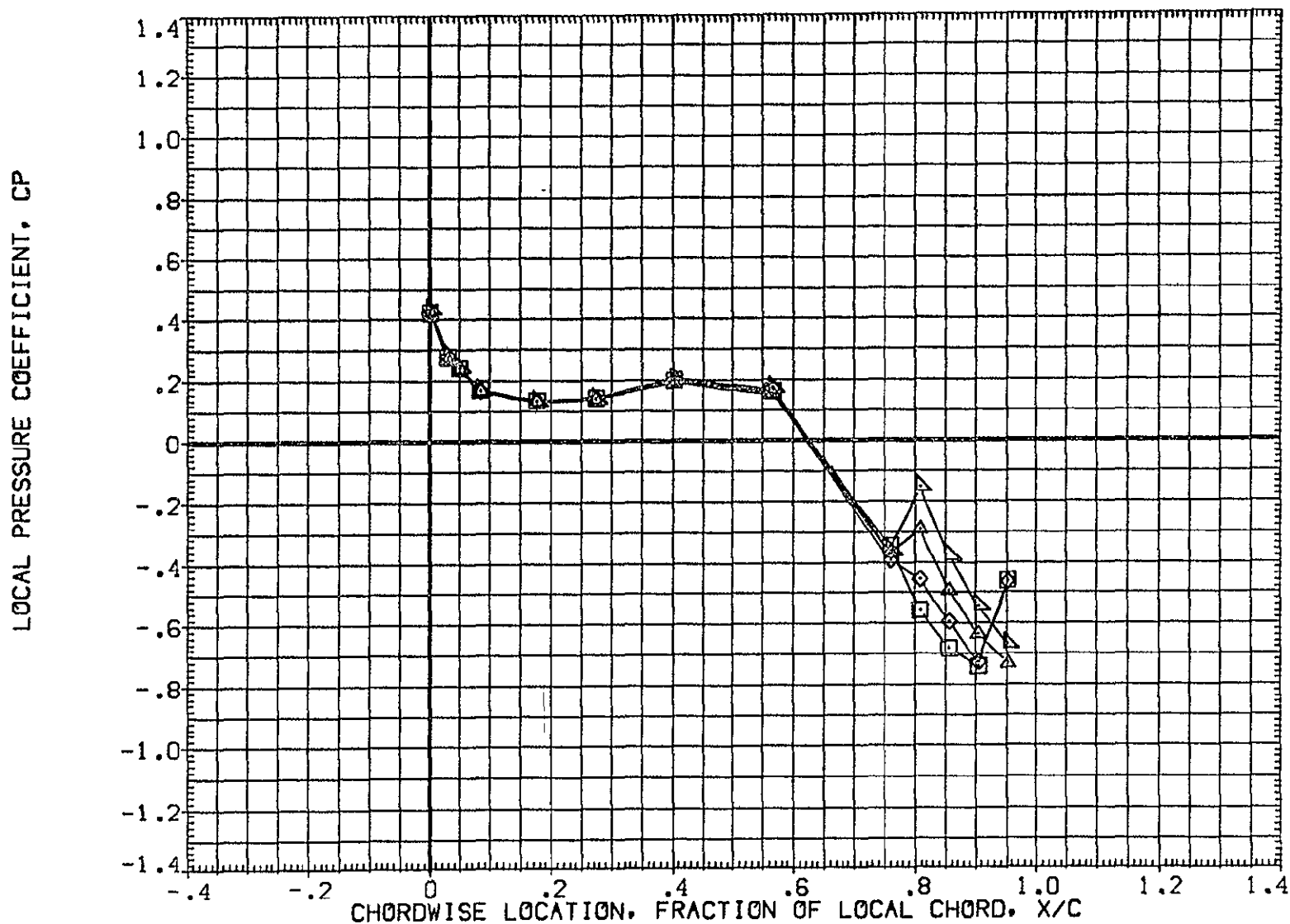


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 2.000 2Y/B = .436 PAGE 729

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

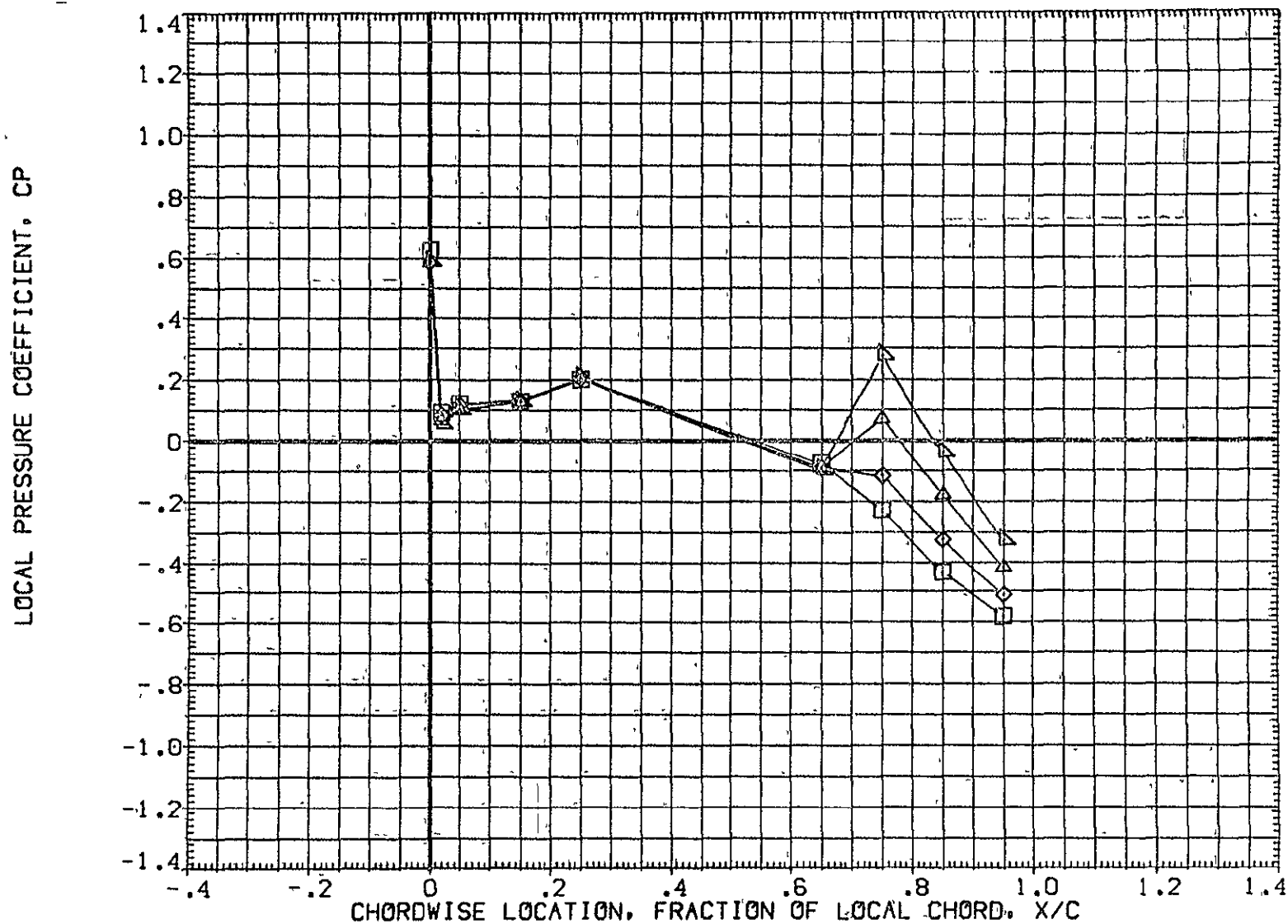


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

PAGE 730

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

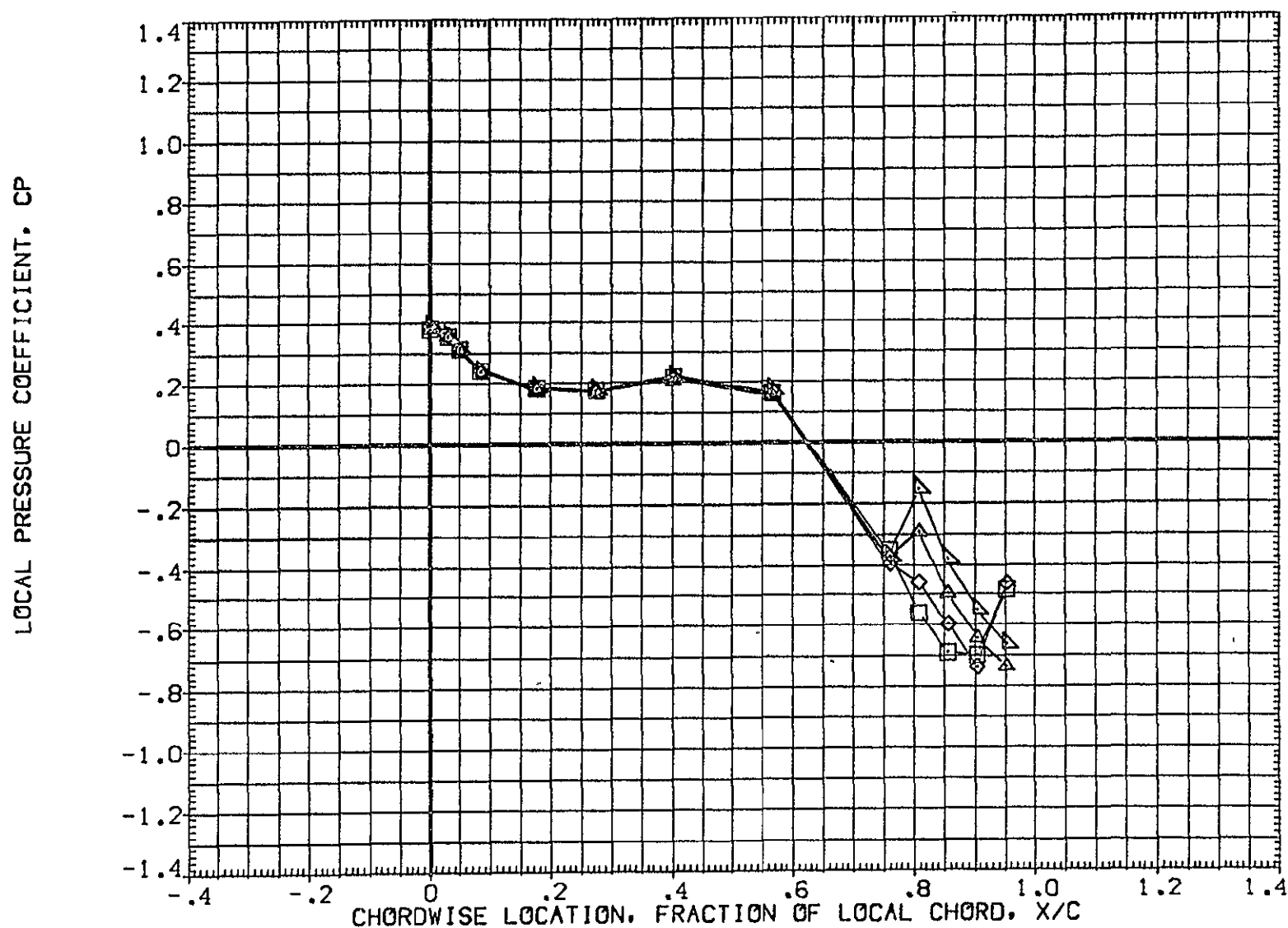


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 4.000 2Y/B = .436 PAGE 731

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

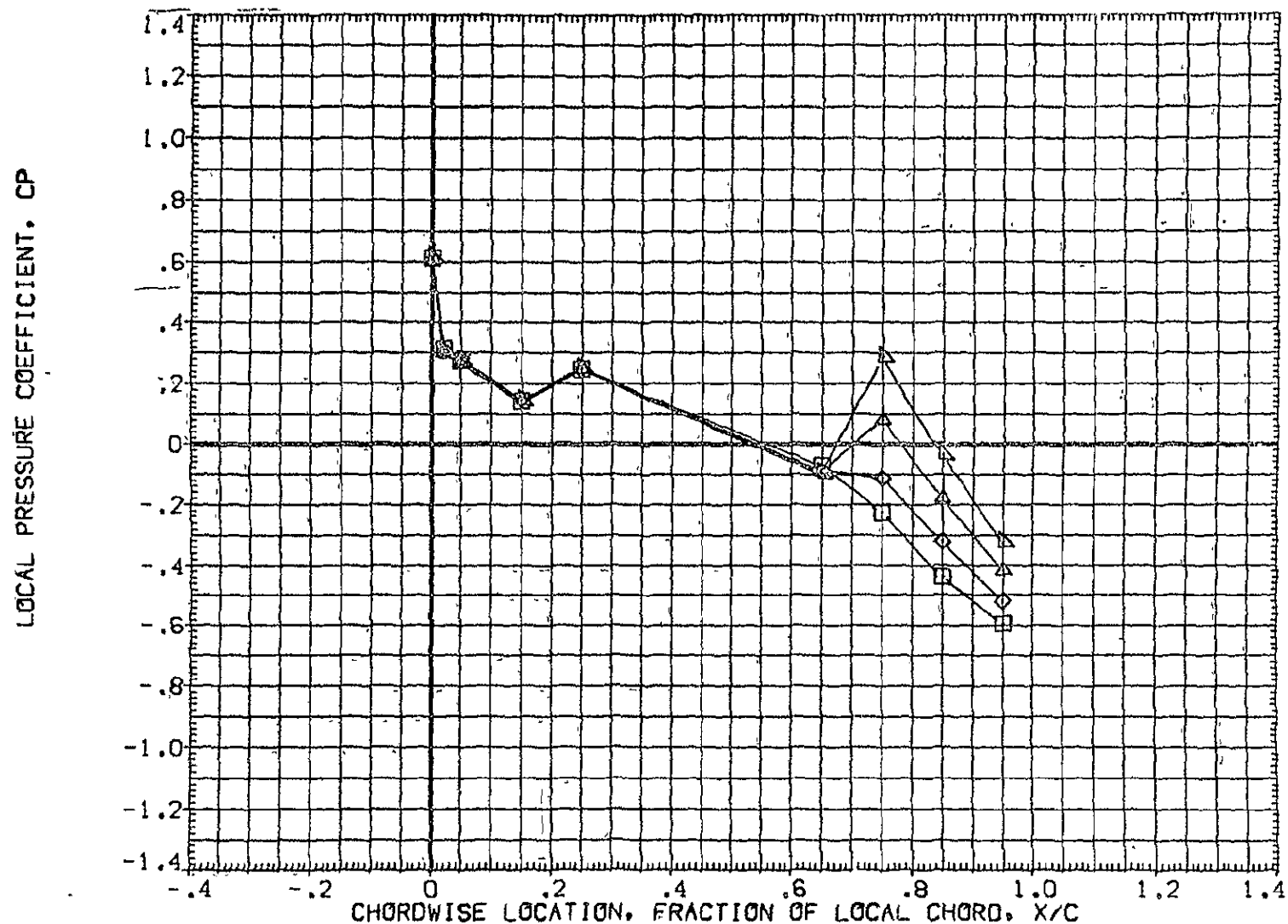


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 4.000 2Y/B = .771 PAGE 732

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	DATA NOT AVAILABLE	.000	.000	.000	.000
(AF7L50)	DATA NOT AVAILABLE	4.000	4.000	4.000	4.000
(AF7L55)	DATA NOT AVAILABLE	8.000	8.000	8.000	8.000
(AF7L60)	DATA NOT AVAILABLE	8.000	12.000	12.000	12.000

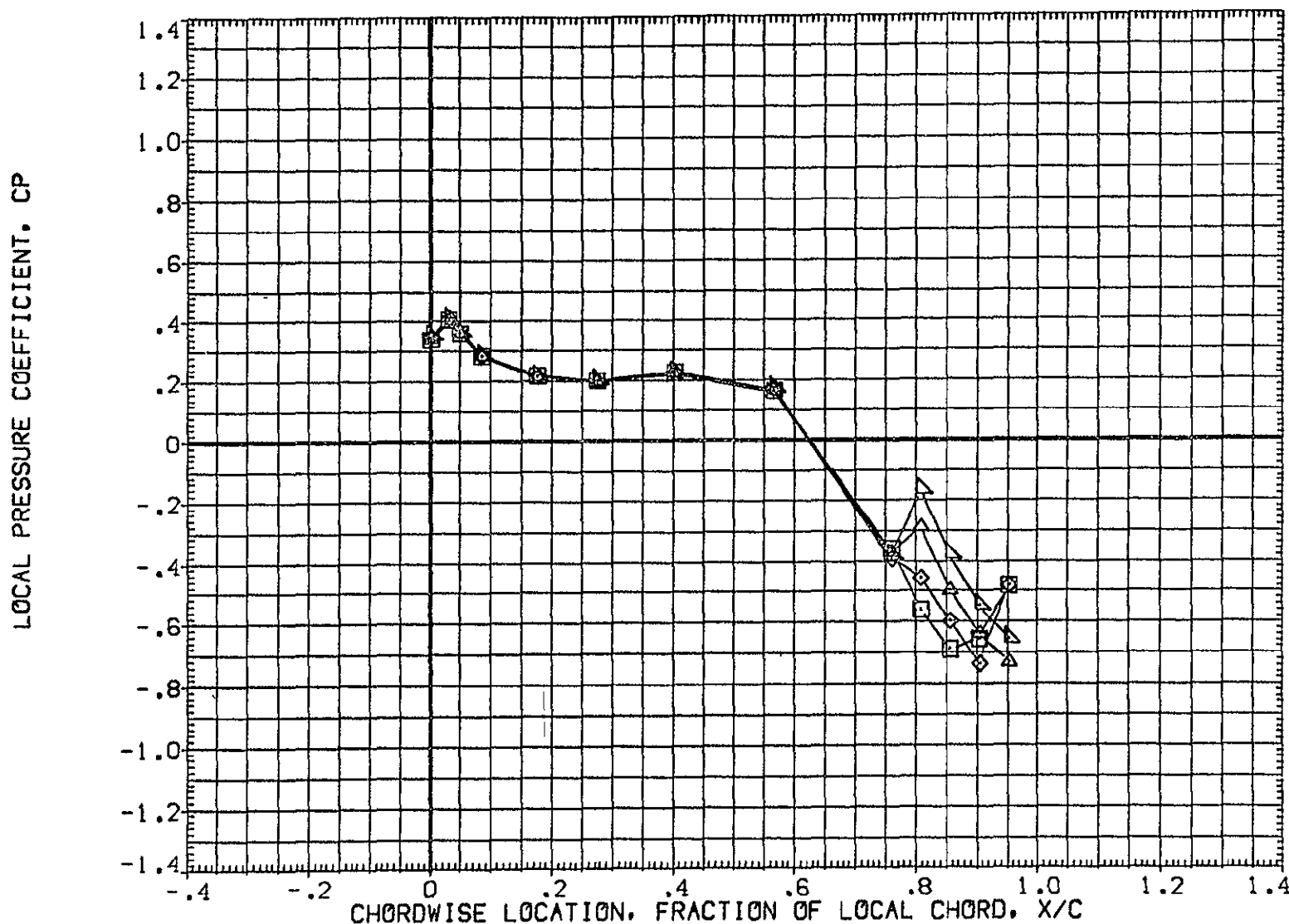


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 6.000 2Y/B = .436 PAGE 733

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

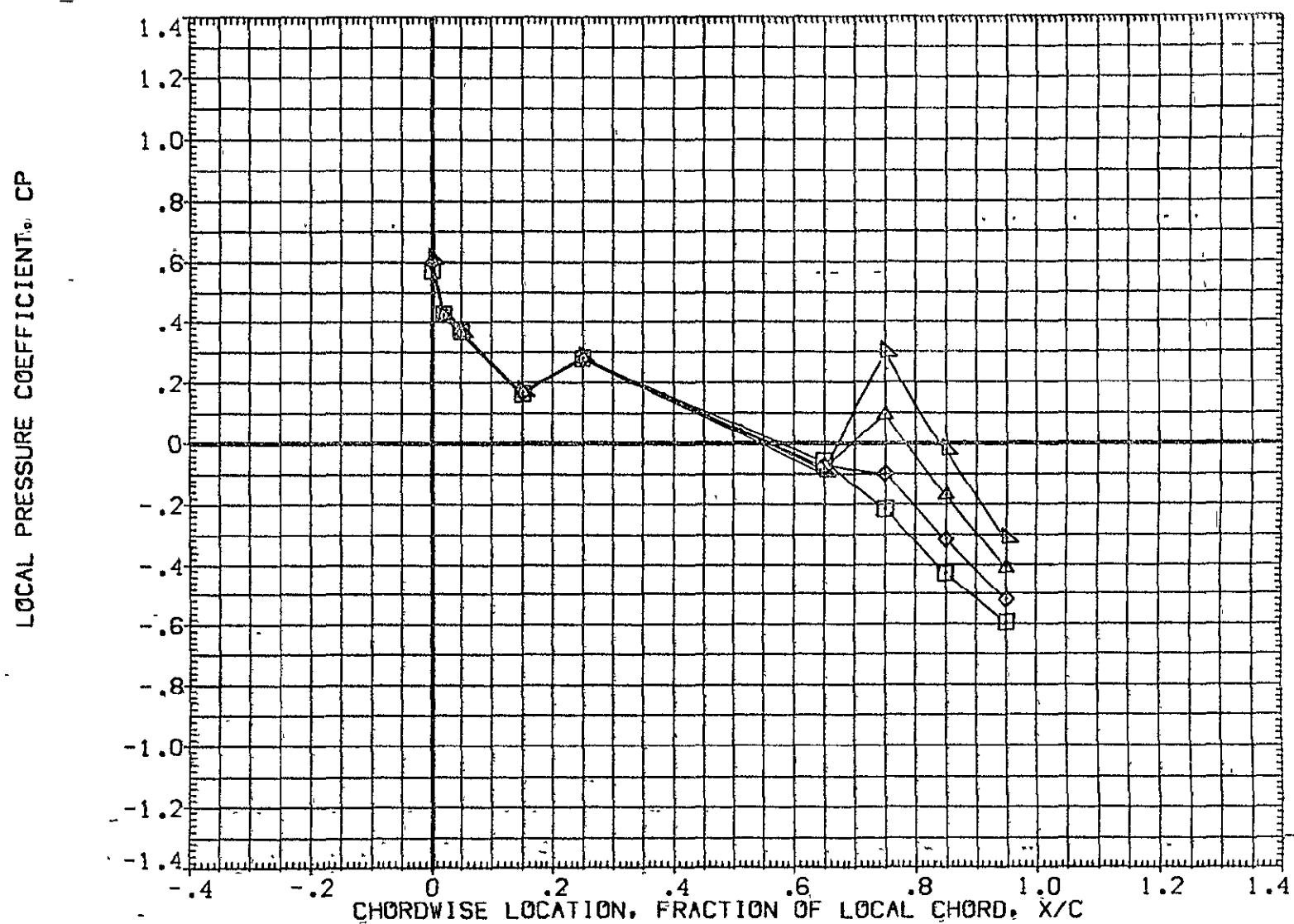


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

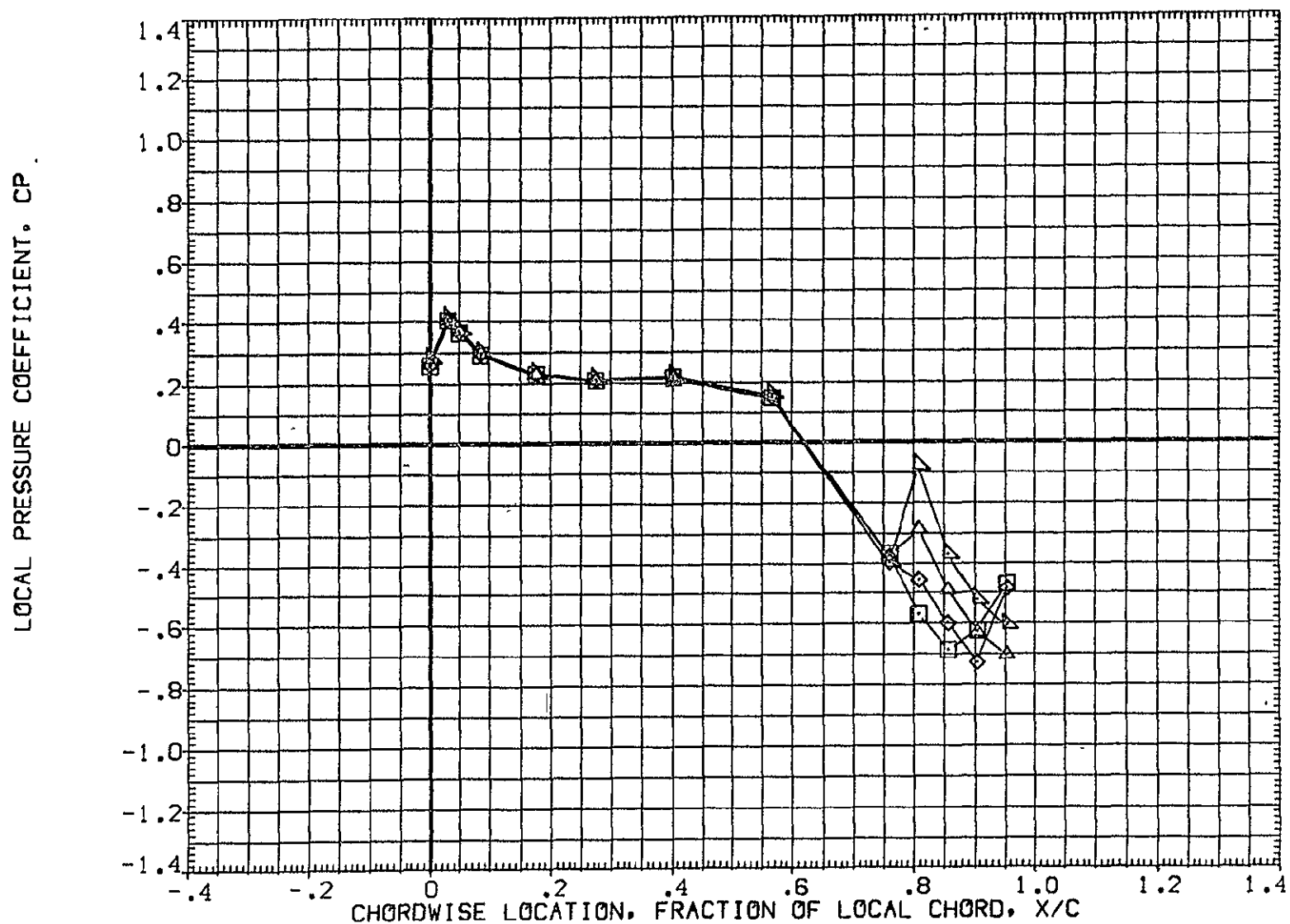


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 8.000 2Y/B = .436 PAGE 735



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

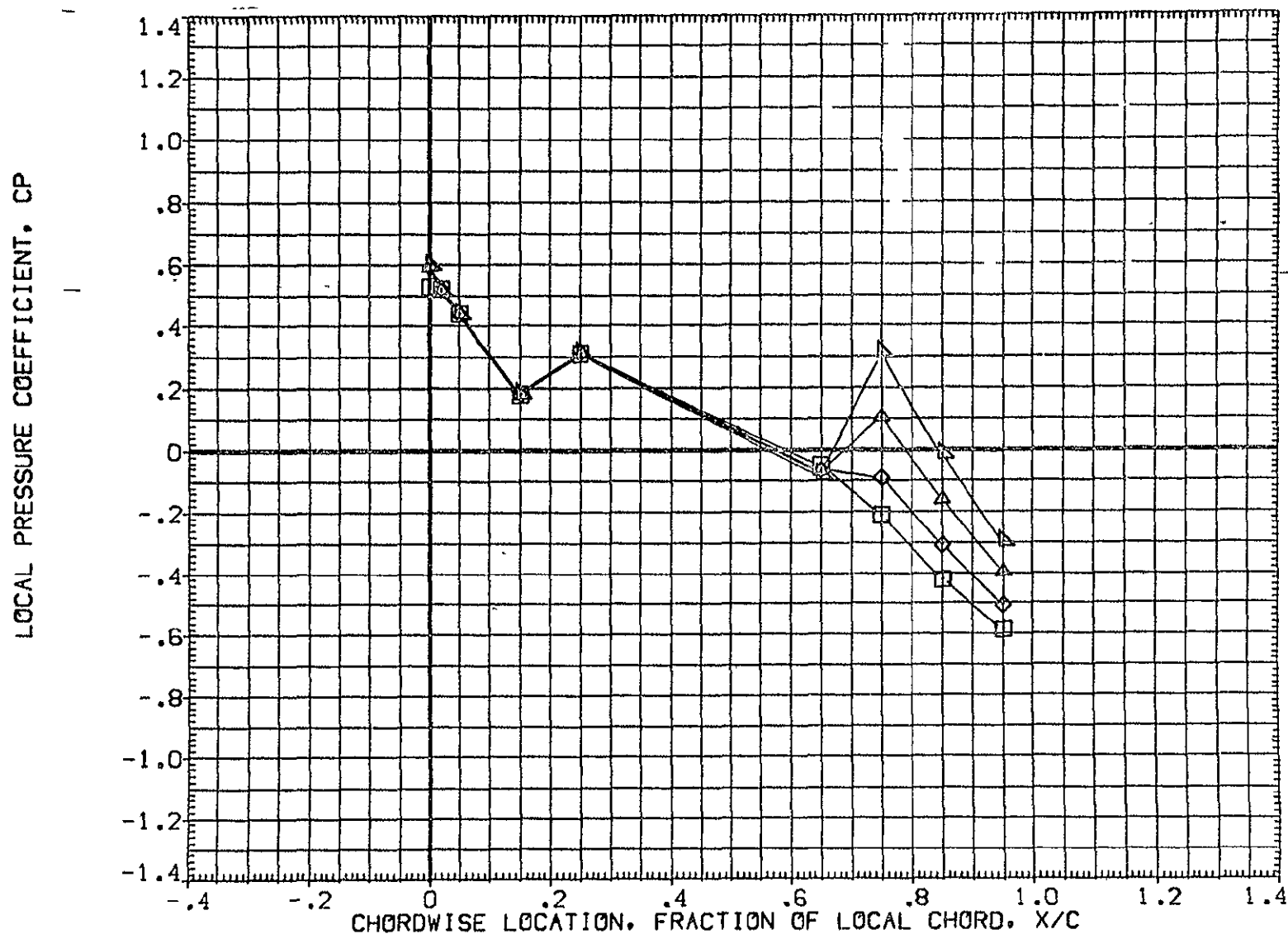


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	□	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	◇	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	△	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	▽	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

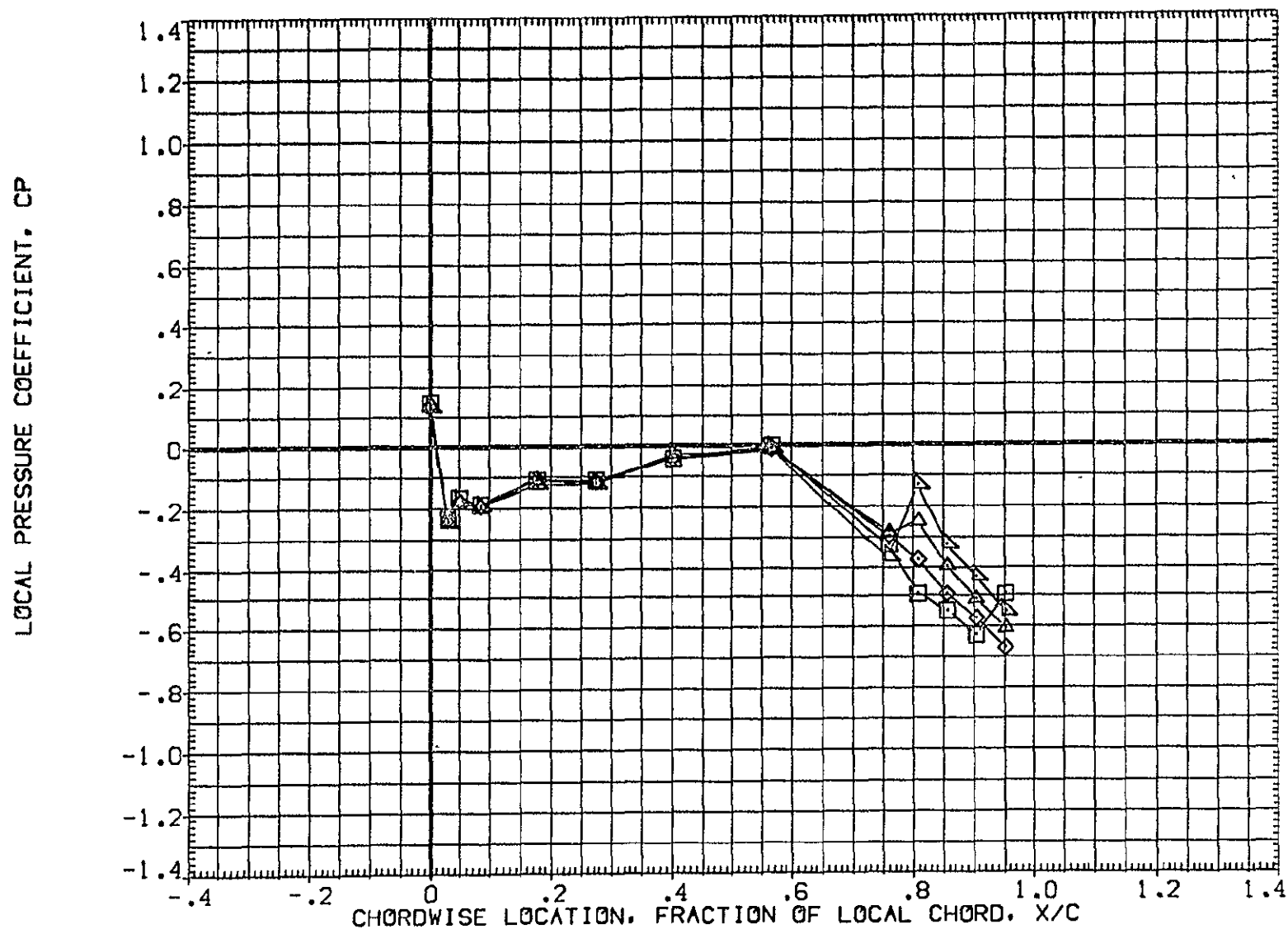


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

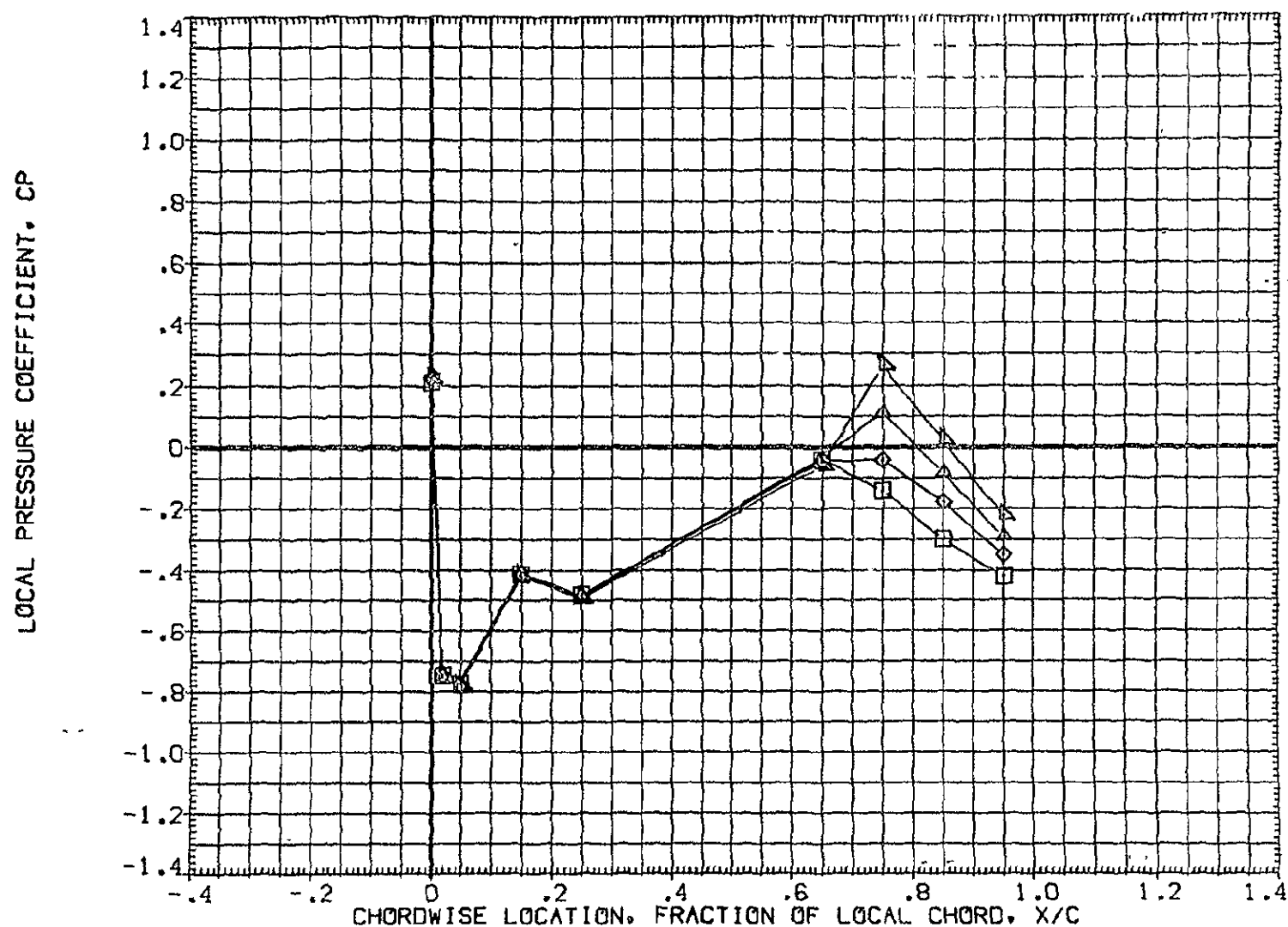


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -8.000 2Y/B = .771 PAGE 738

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

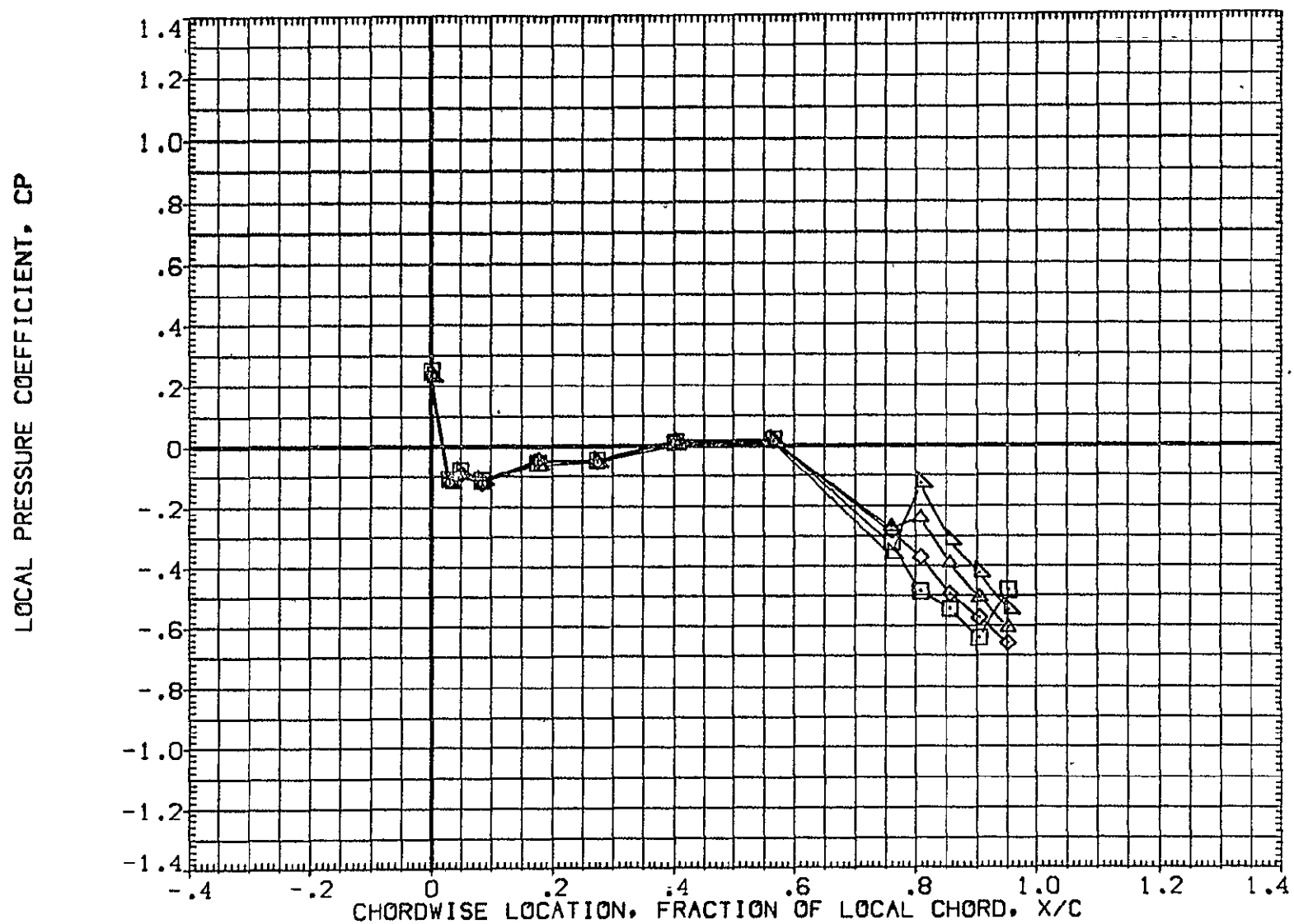


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 739

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING LOWER SURFACE				
	WING LOWER SURFACE				
	WING LOWER SURFACE				
	WING LOWER SURFACE				

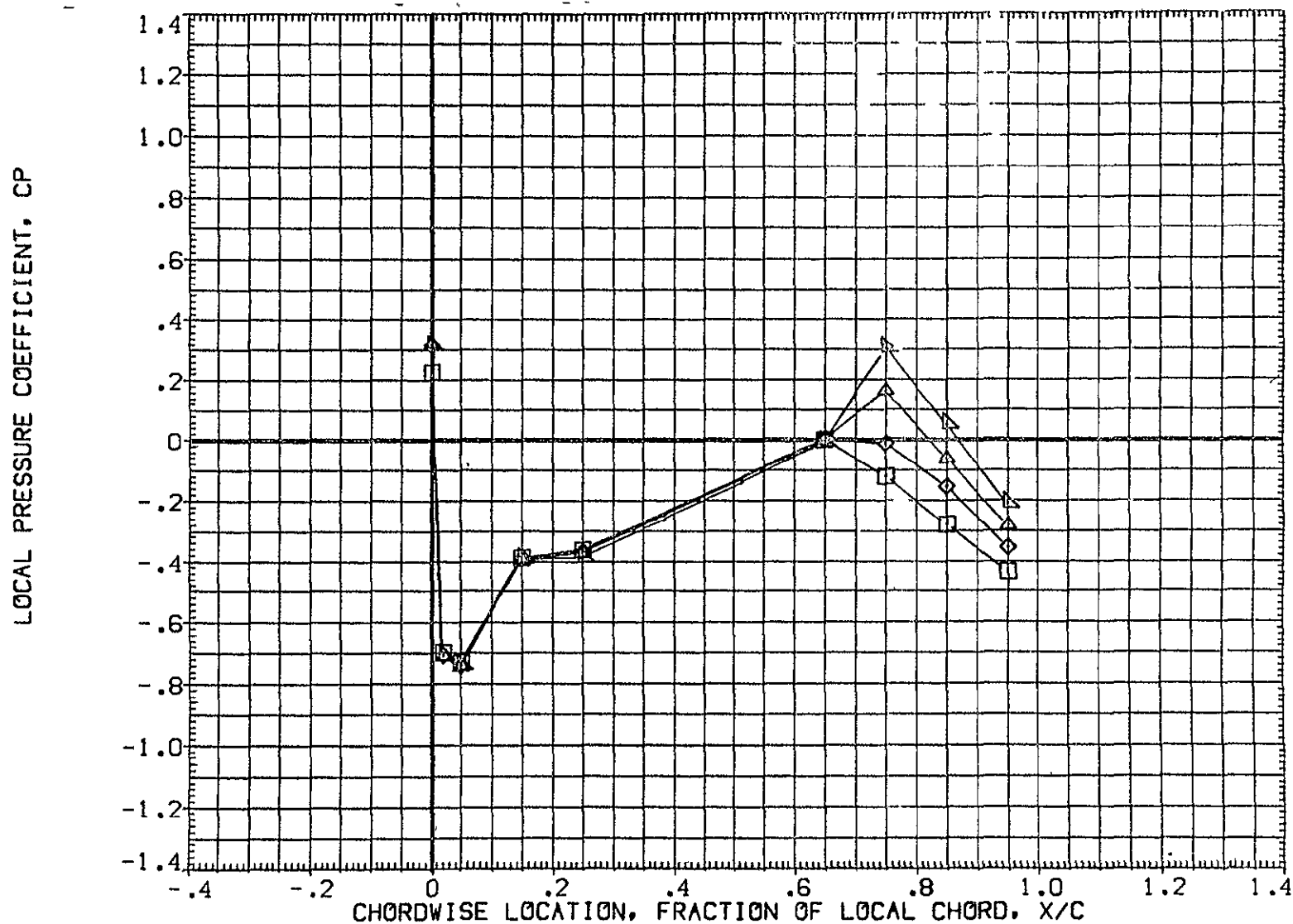


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

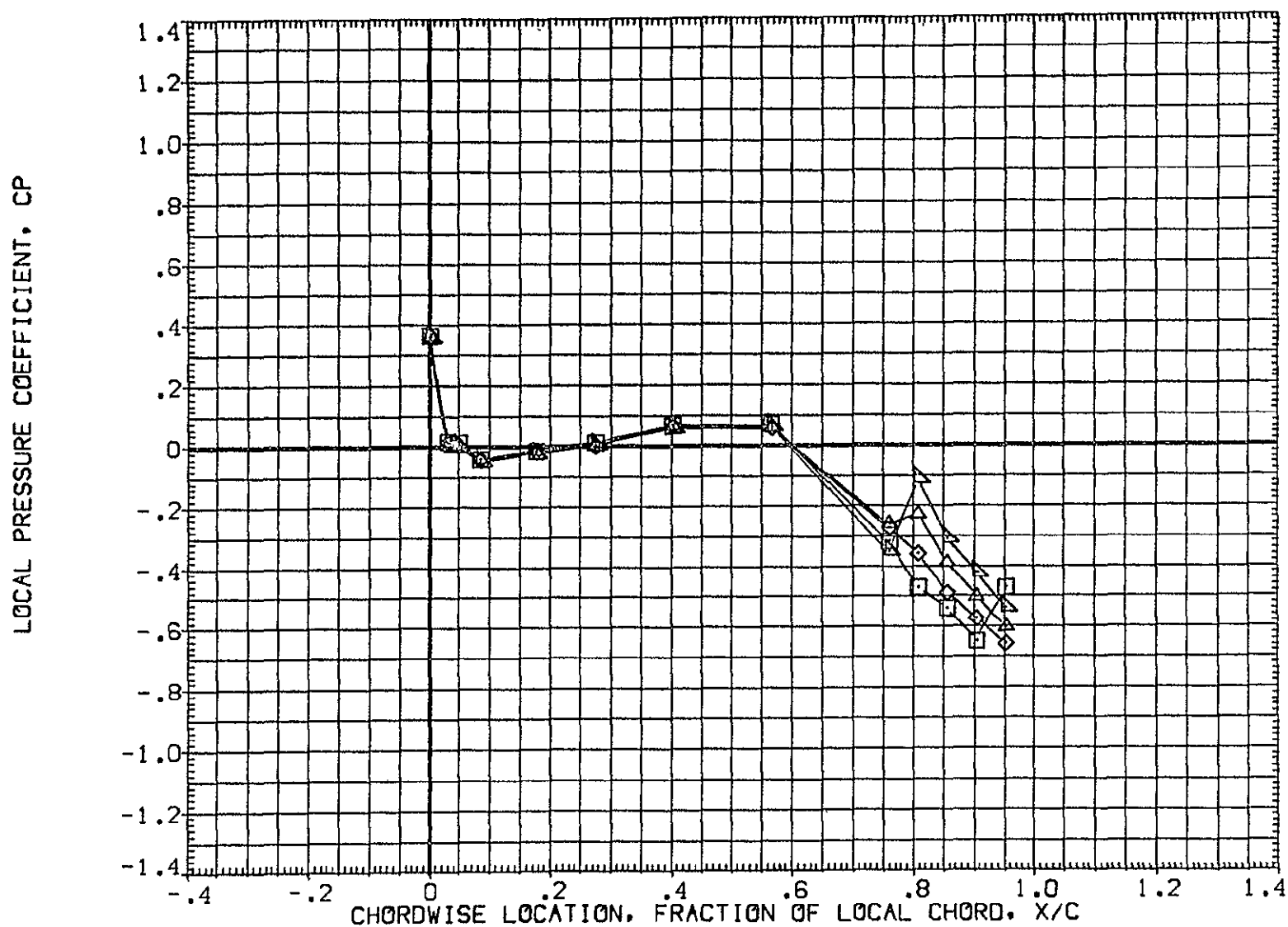


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	.000

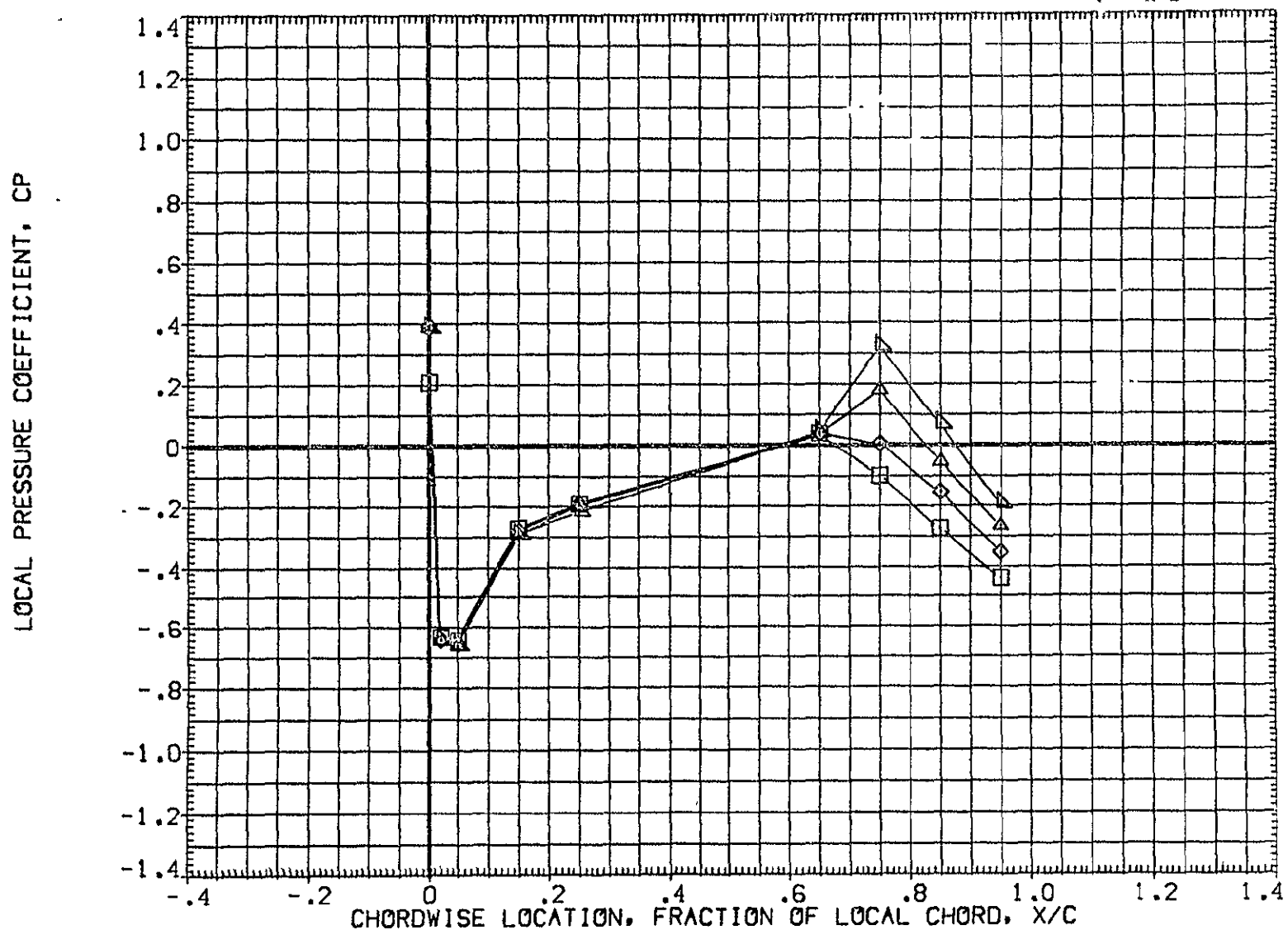


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 742

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

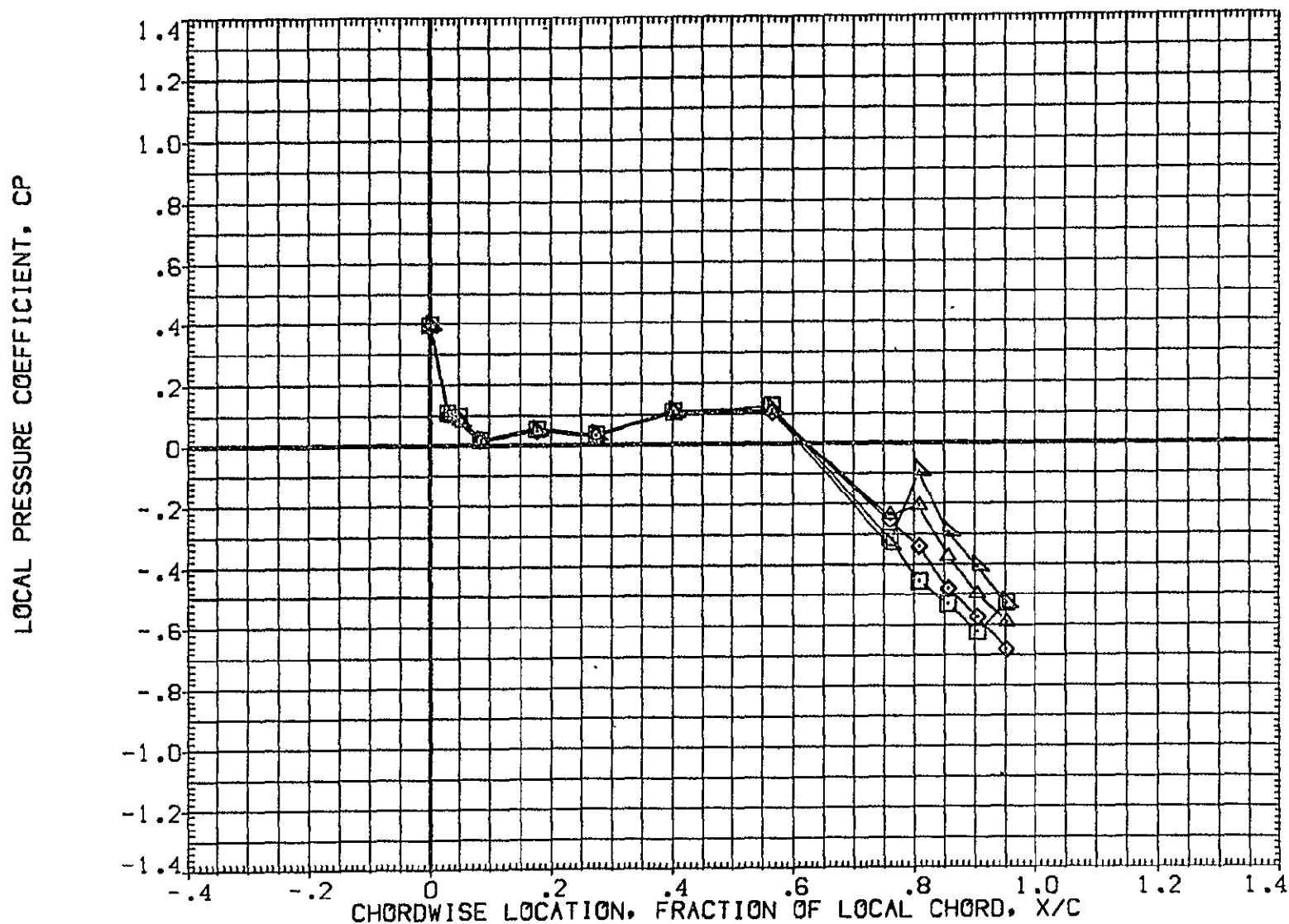


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 743



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
{AF7L64}	○	DATA NOT AVAILABLE
{AF7L45}	□	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE
{AF7L50}	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE
{AF7L55}	△	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE
{AF7L60}	▽	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

LOCAL PRESSURE COEFFICIENT, CP

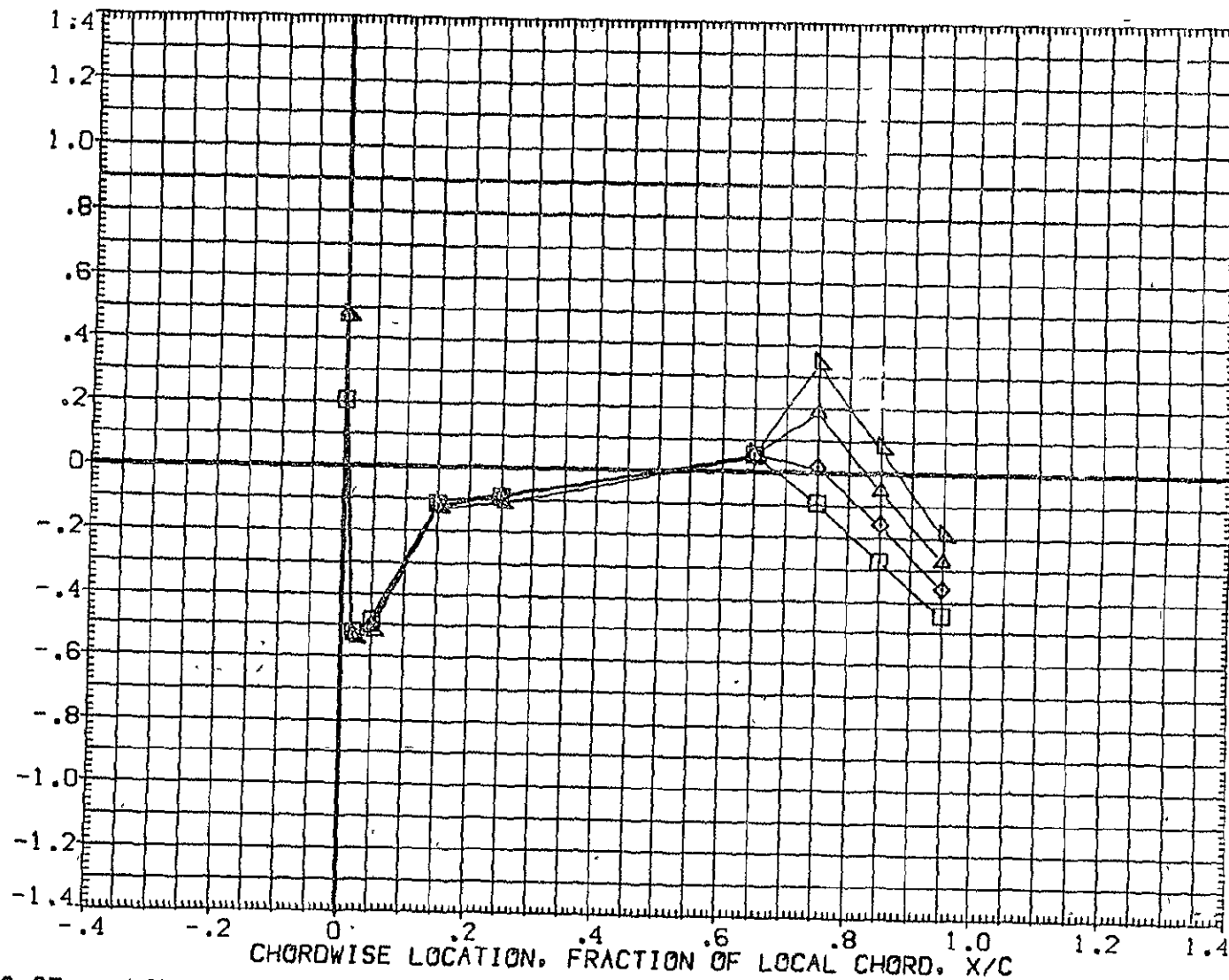


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	○	DATA NOT AVAILABLE					
[AF7L45]	□	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L50]	◇	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L55]	△	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L60]	▽	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
				8.000	12.000	12.000	12.000

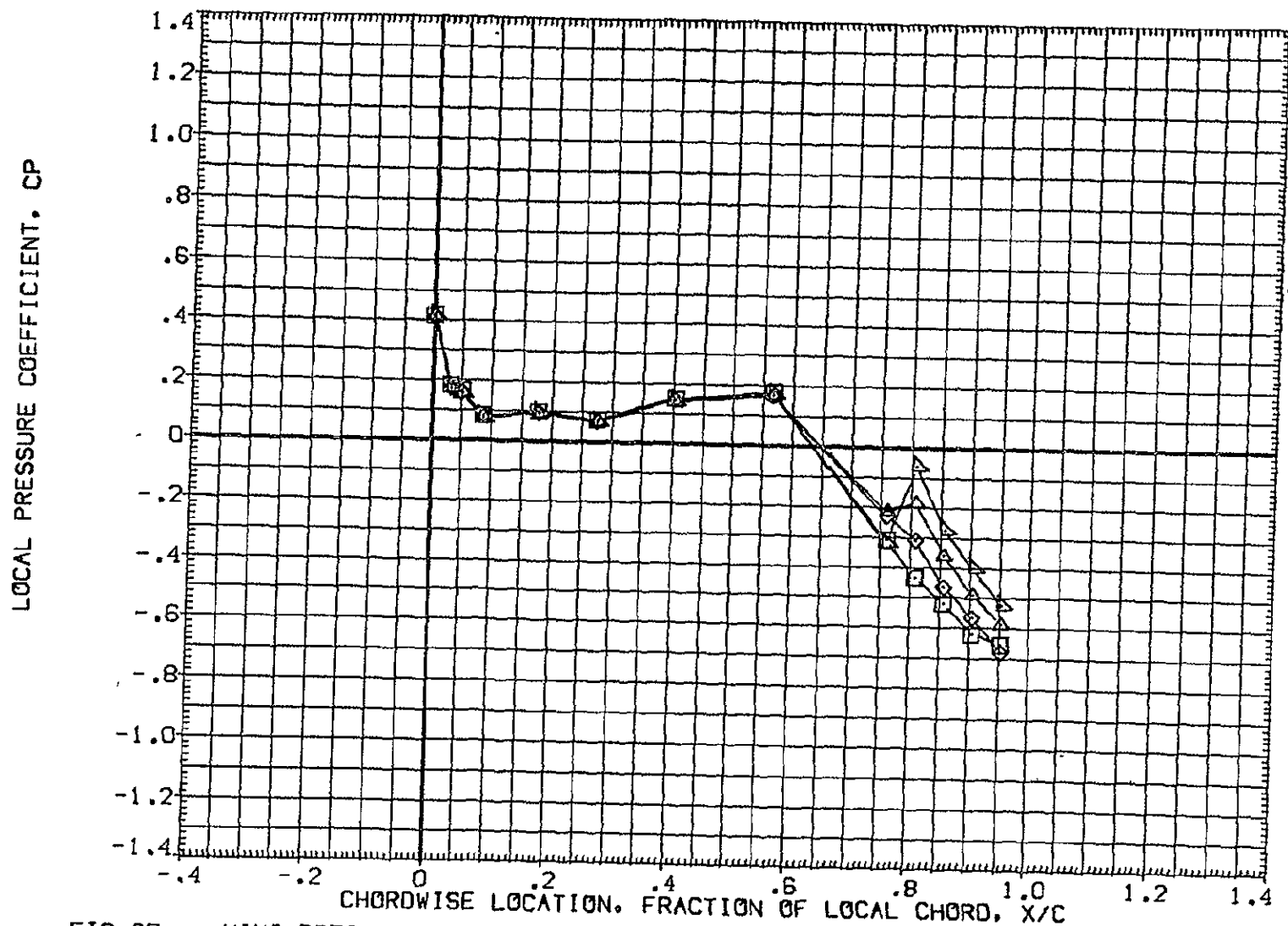


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

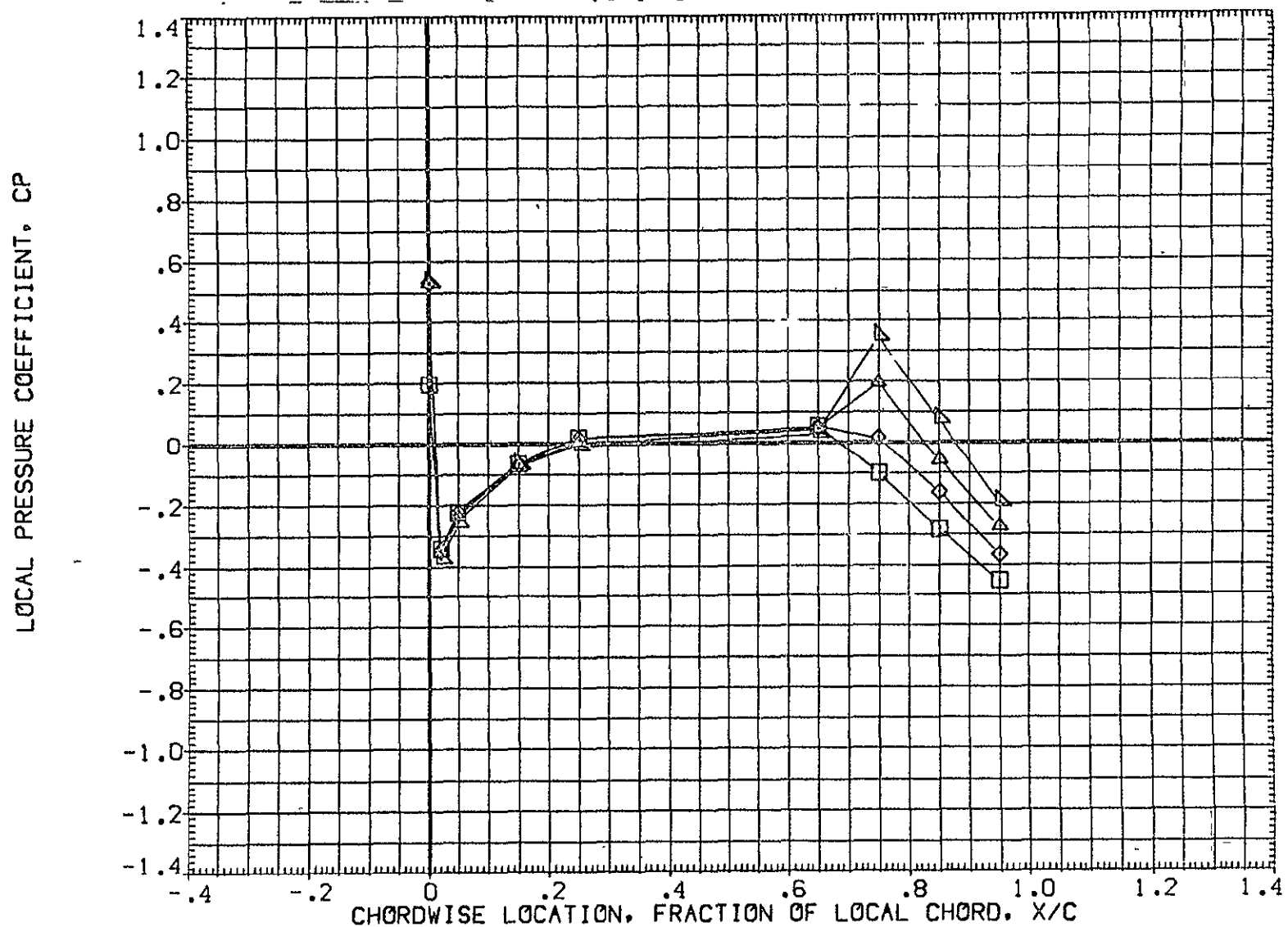


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

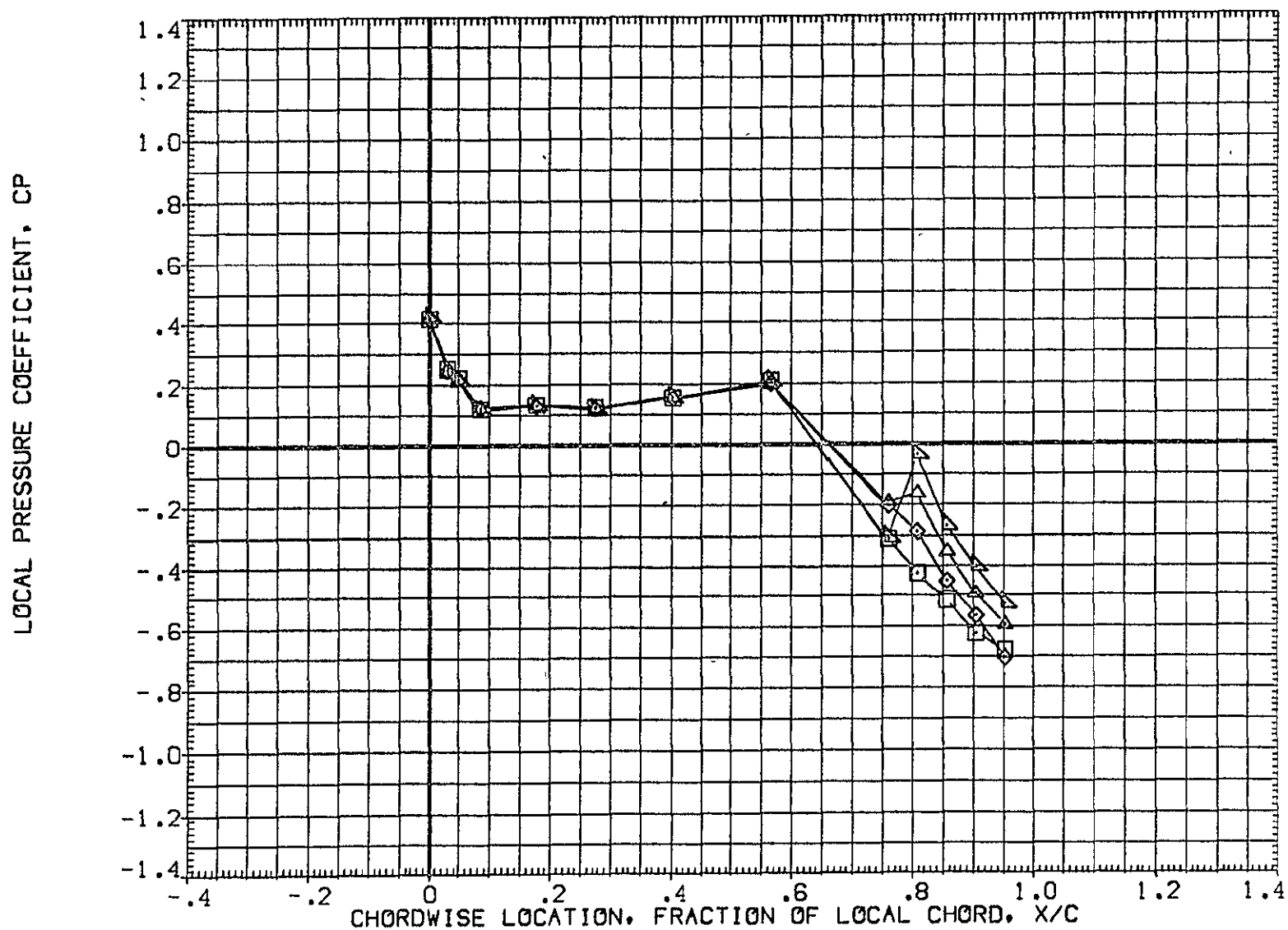


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

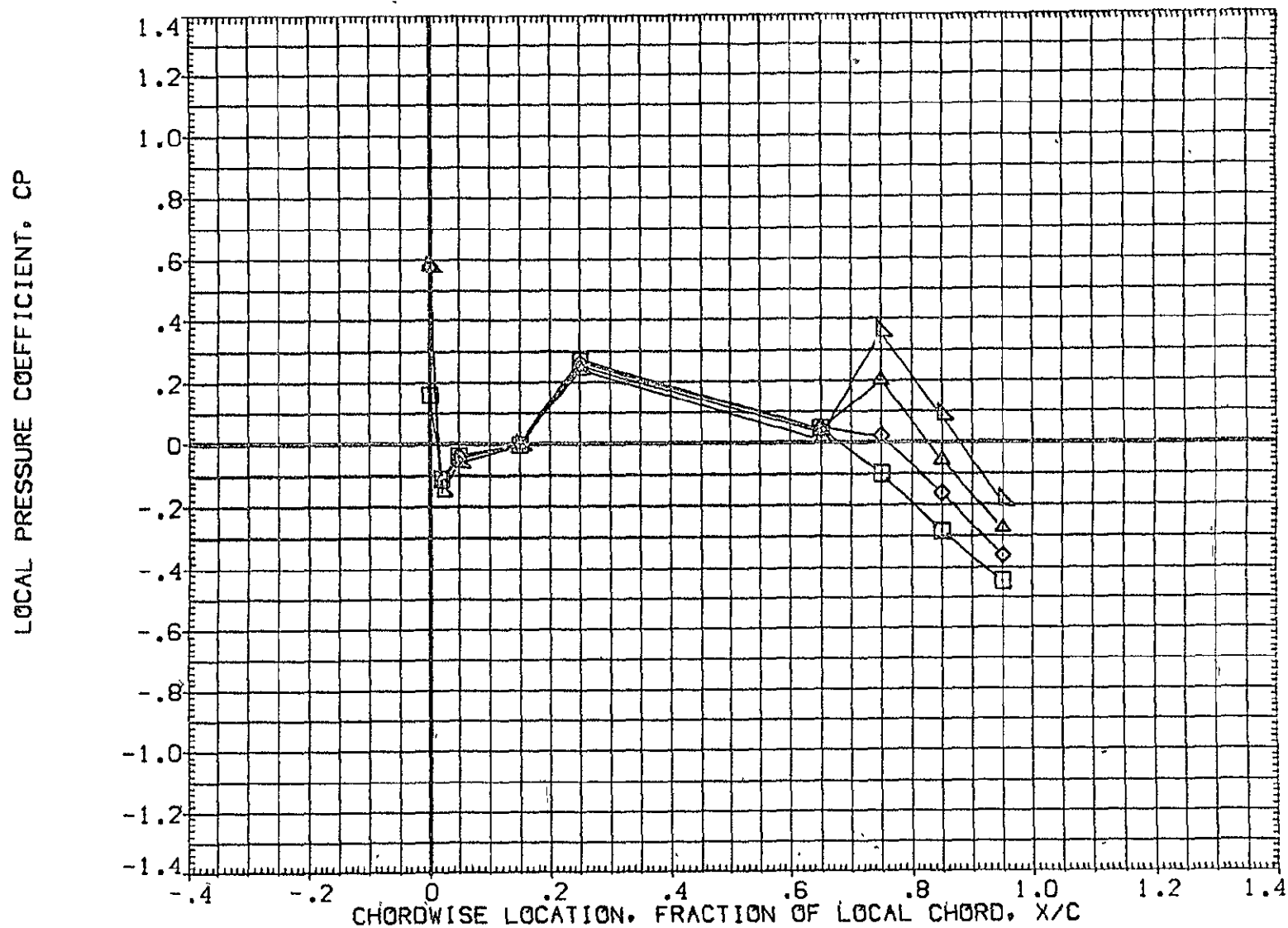


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

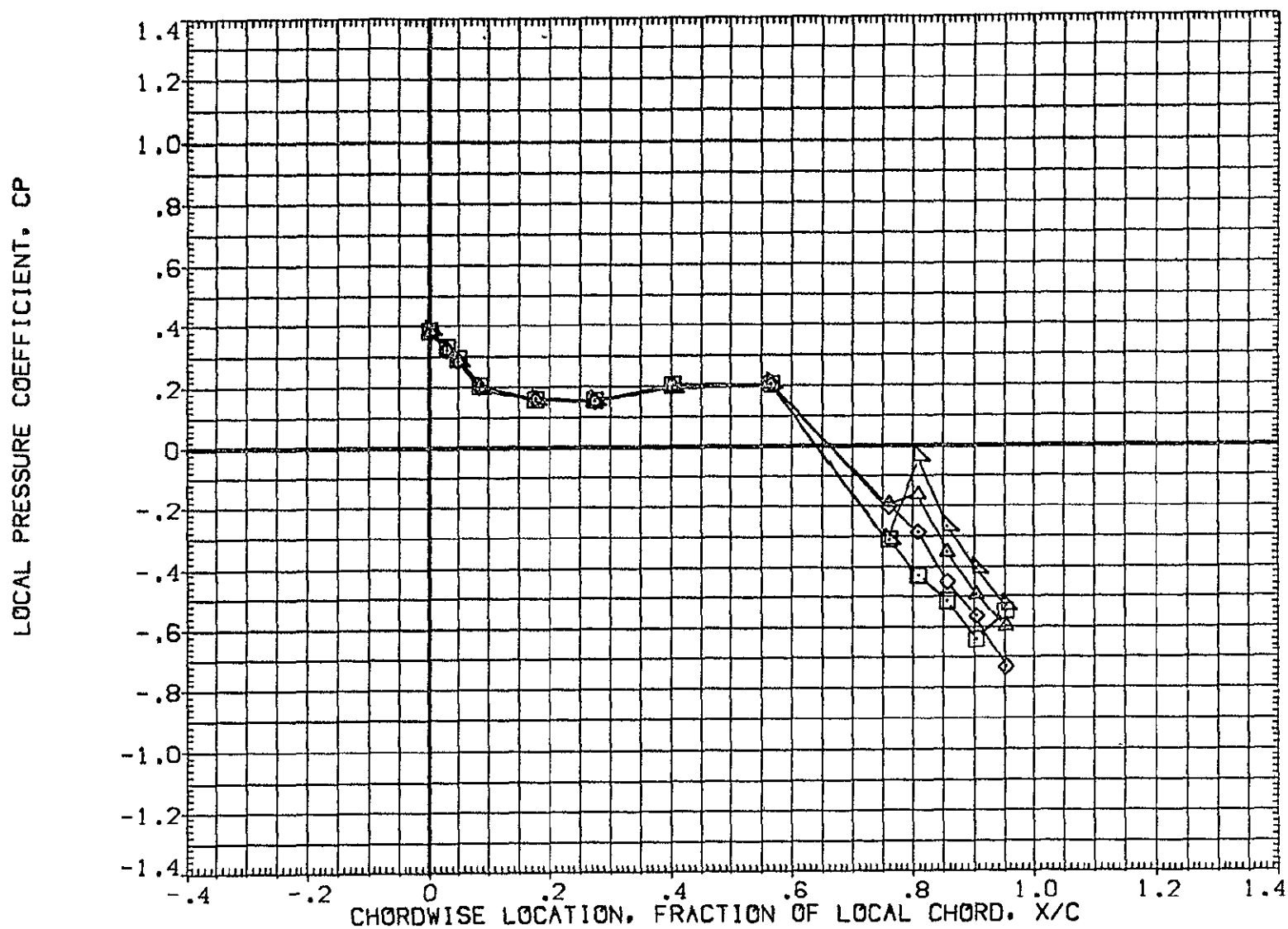


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 749

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

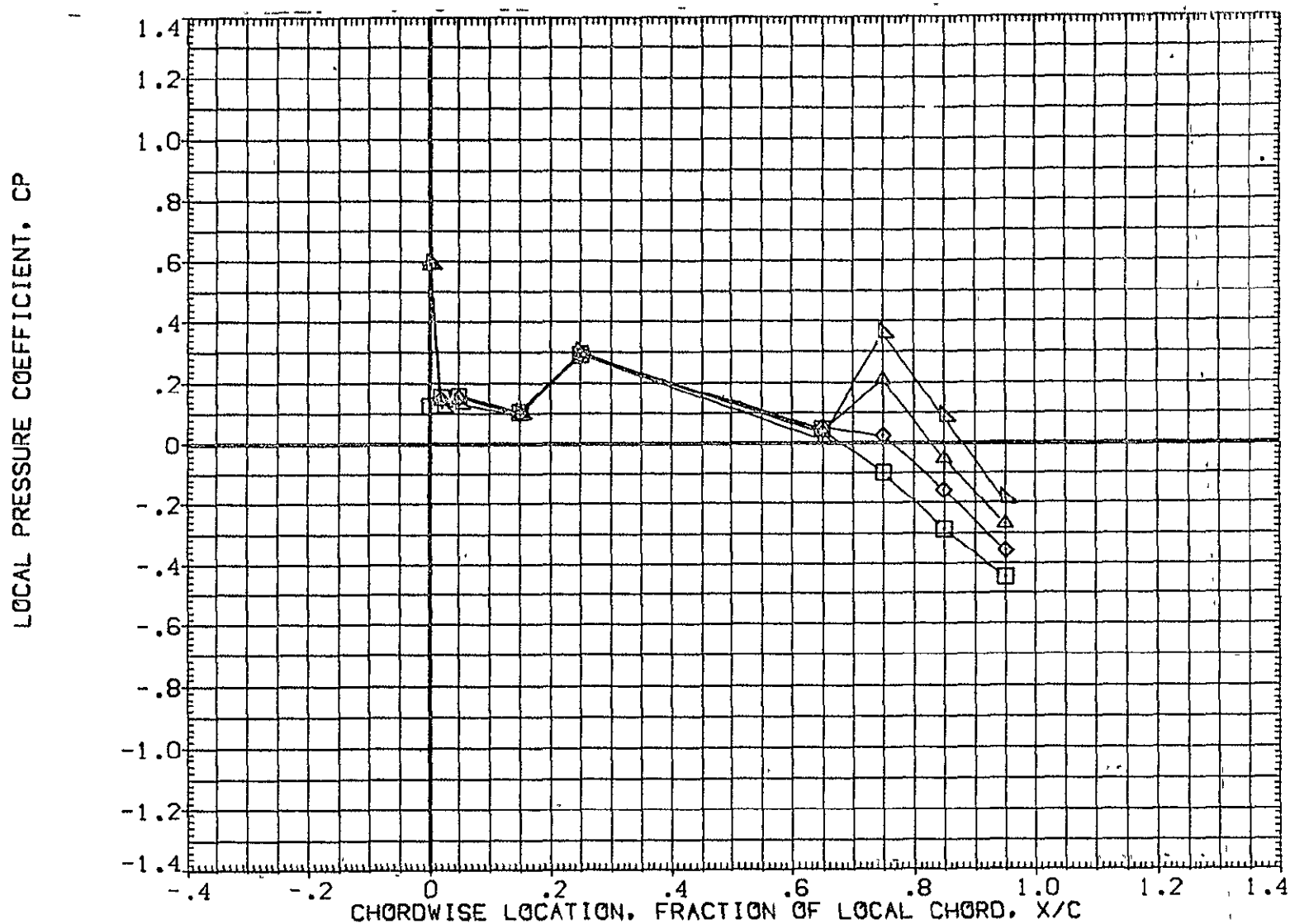


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 4.000 2Y/B = .771 PAGE 750

C-3

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

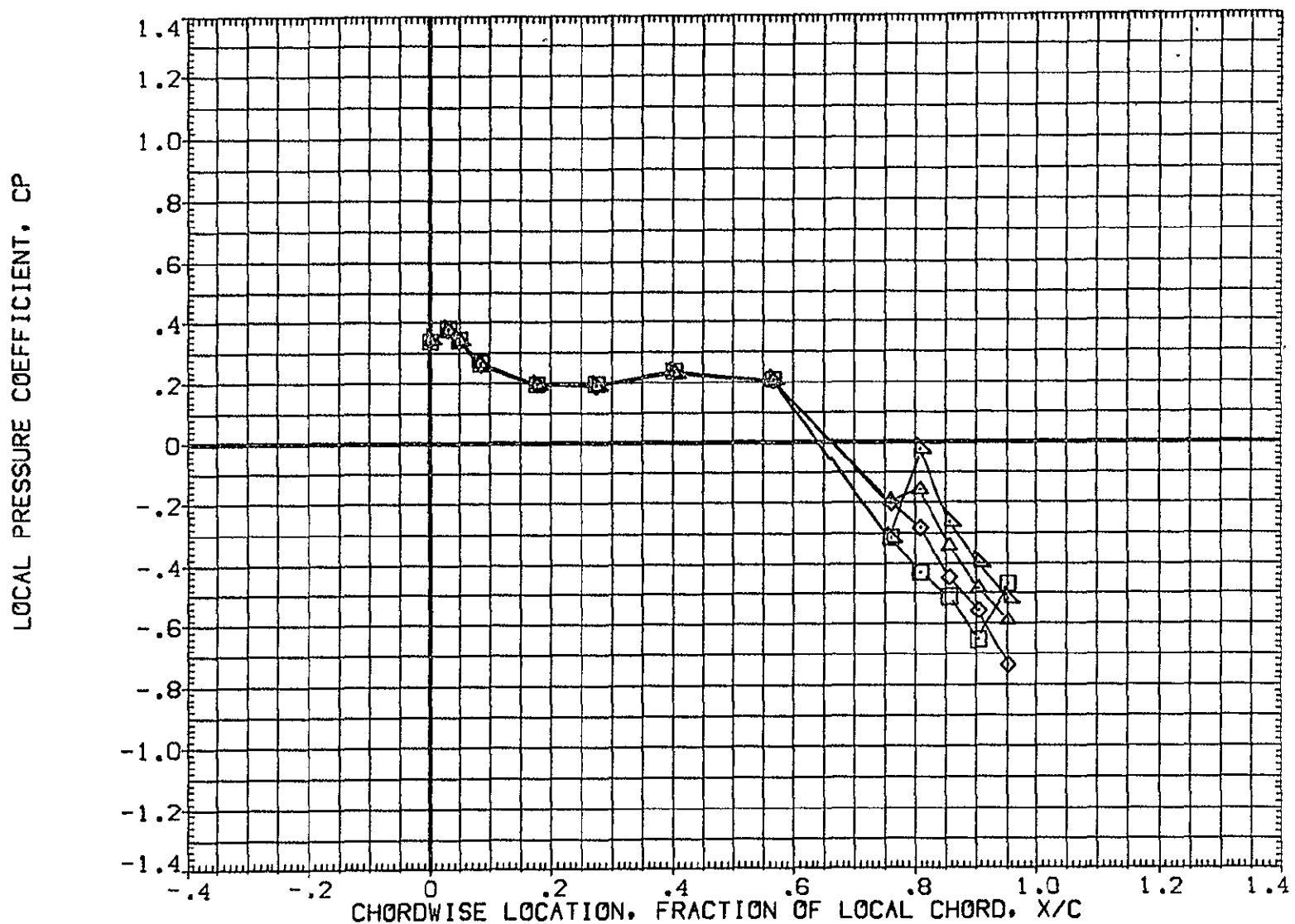


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 751



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

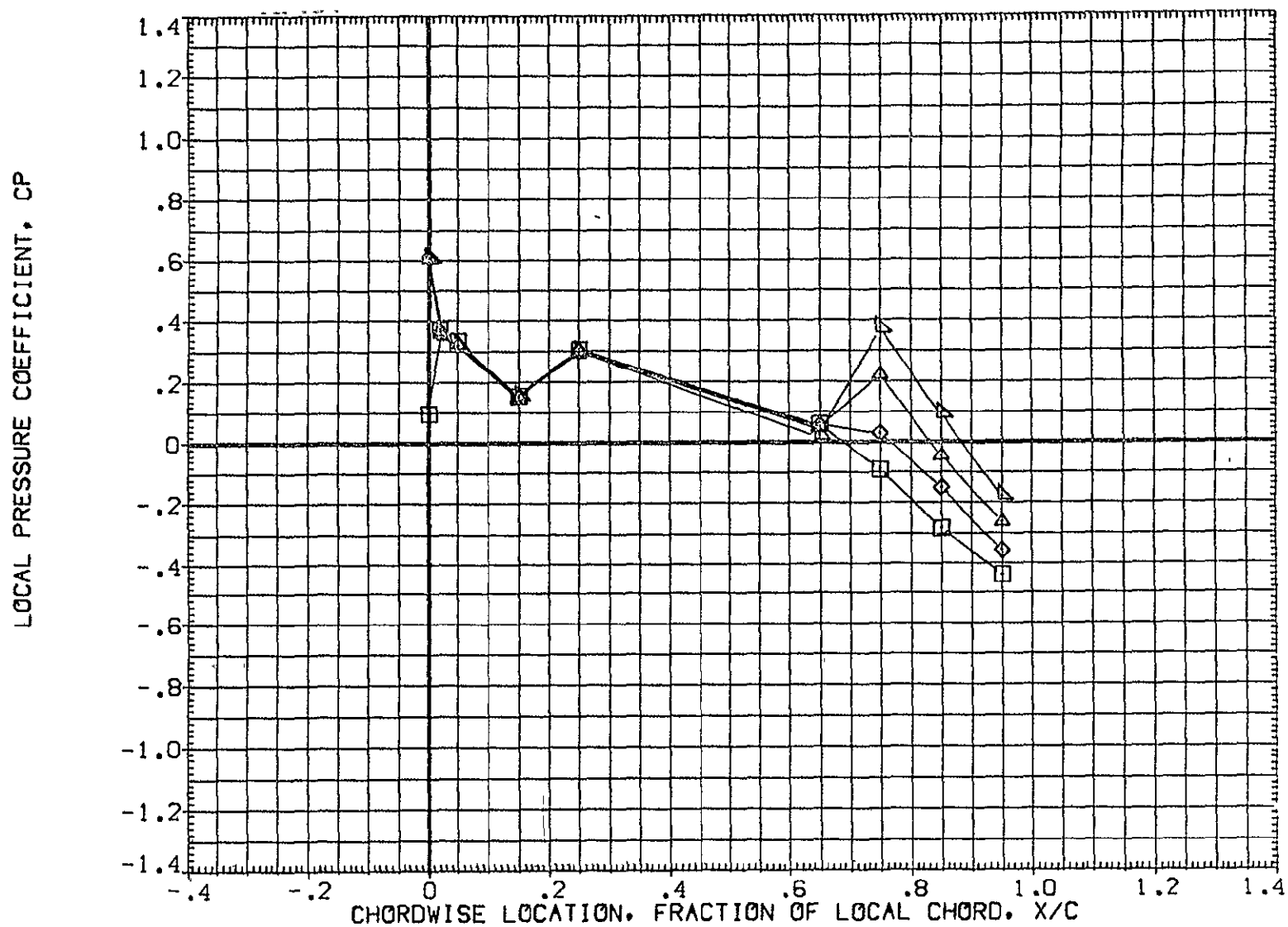


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 752

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

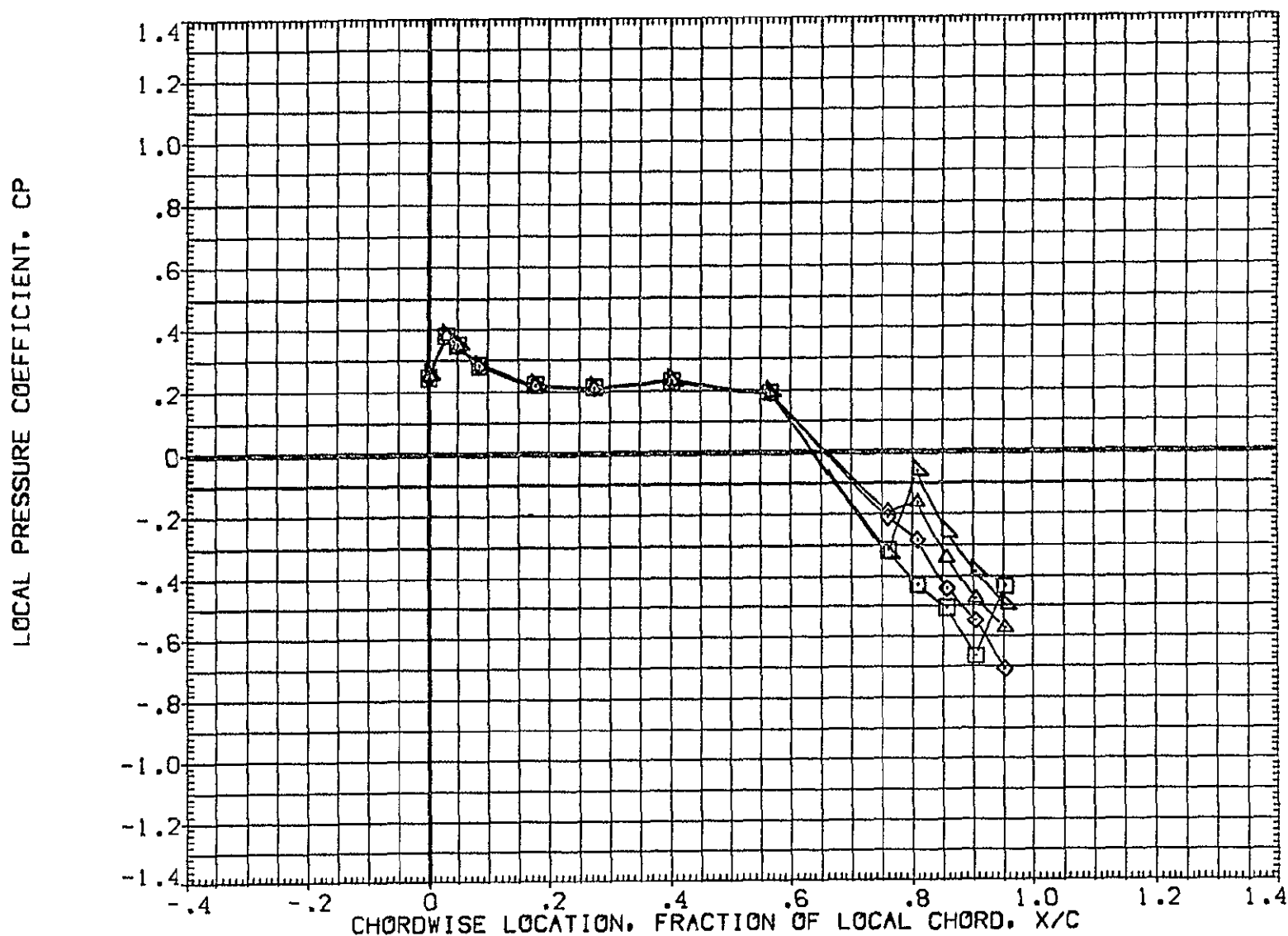


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 753

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

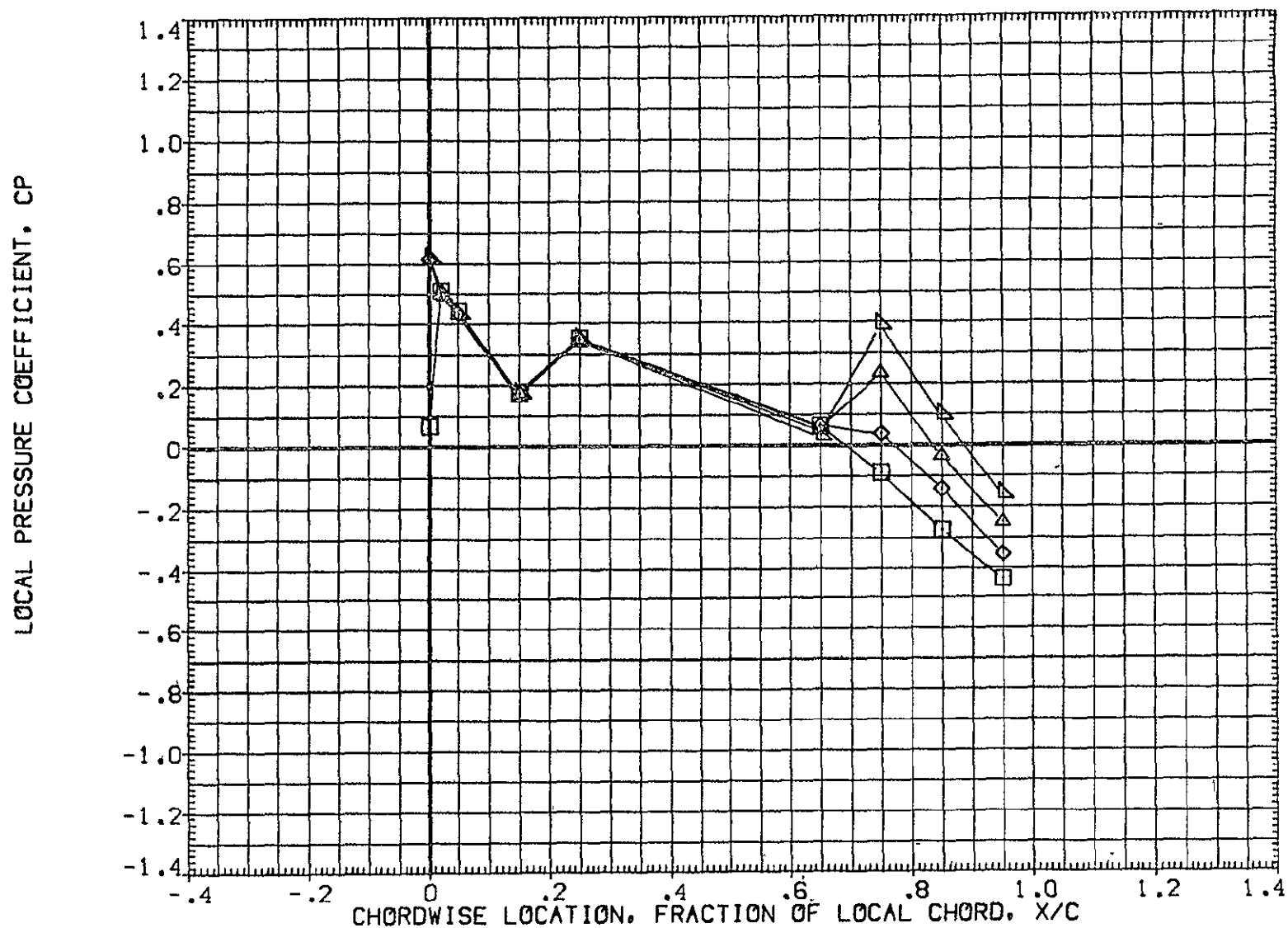


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	□	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	○	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	△	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	▽	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

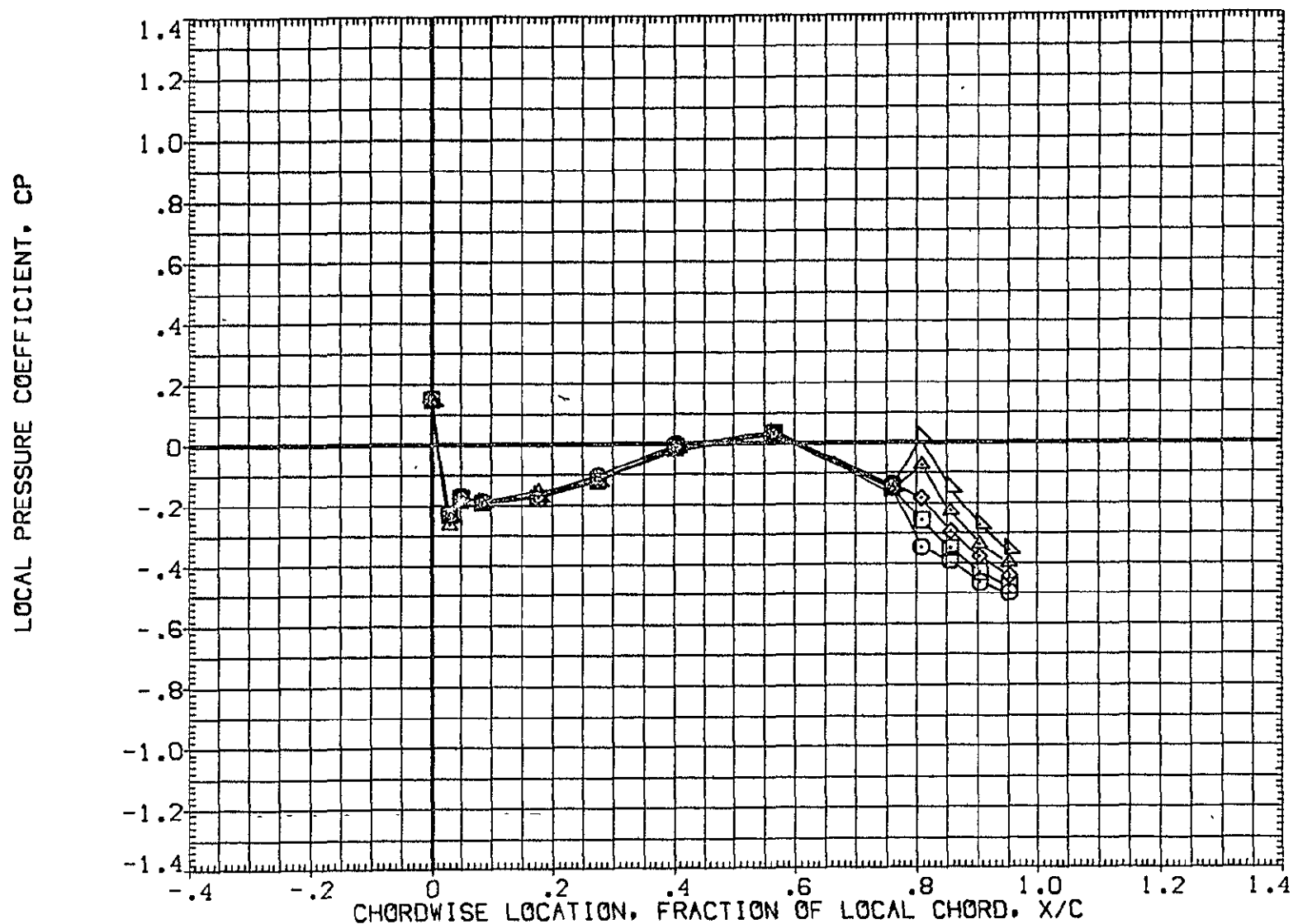


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -8.000 2Y/B = .436 PAGE 755

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

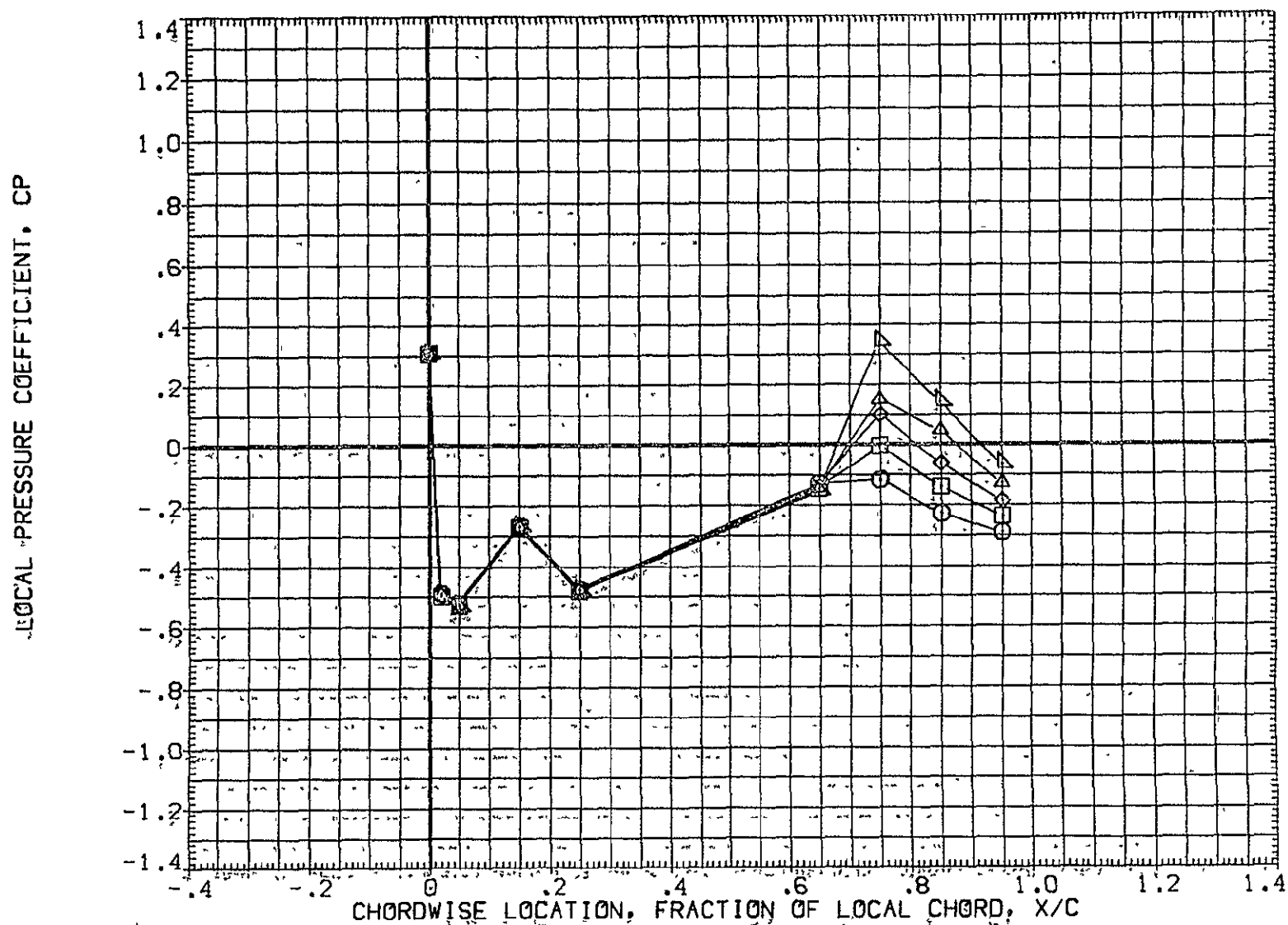


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -8.000 2Y/B = .771 PAGE 756

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

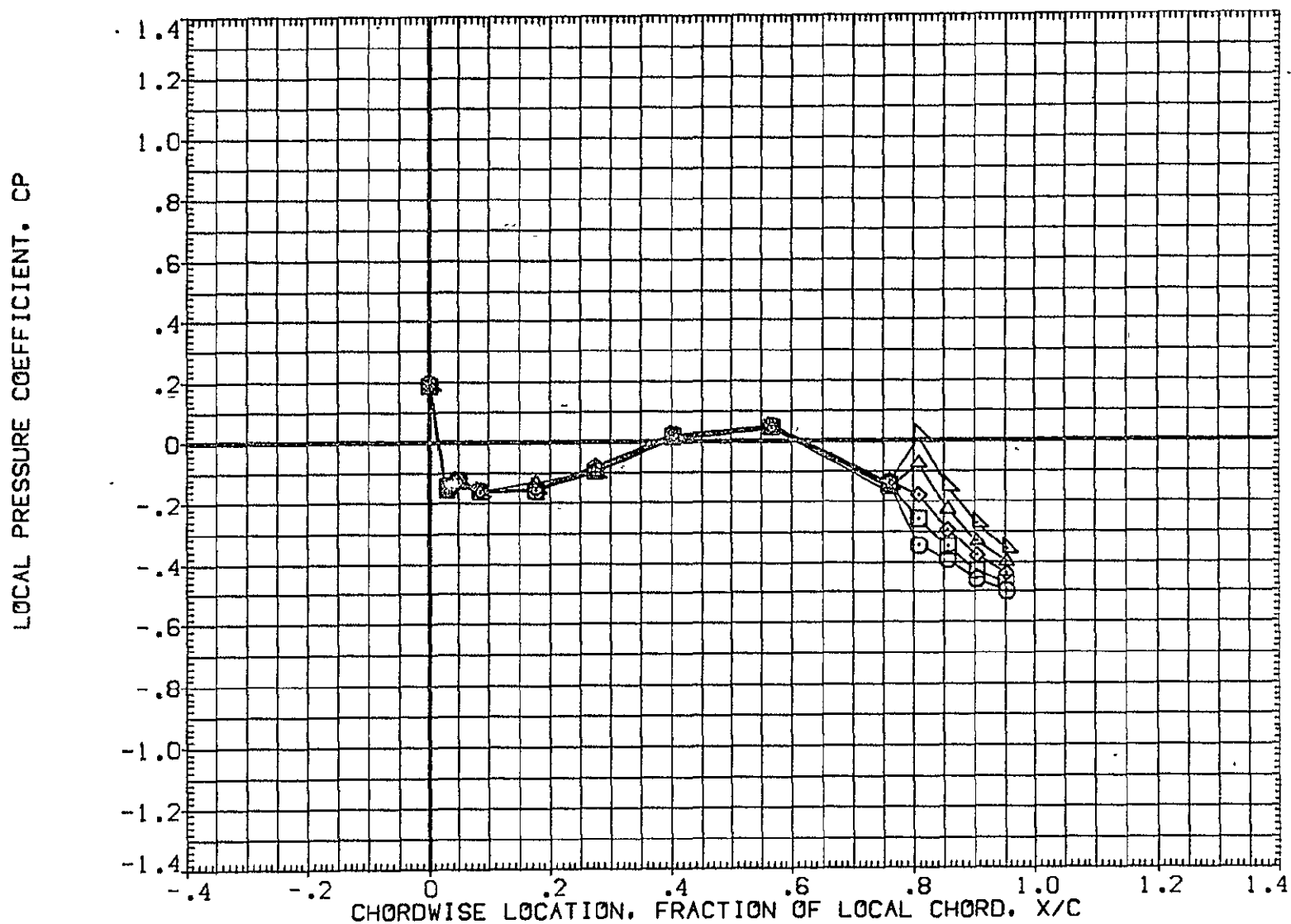







FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -6.000  $2\bar{Y}/B = .436$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION								ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L45}		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

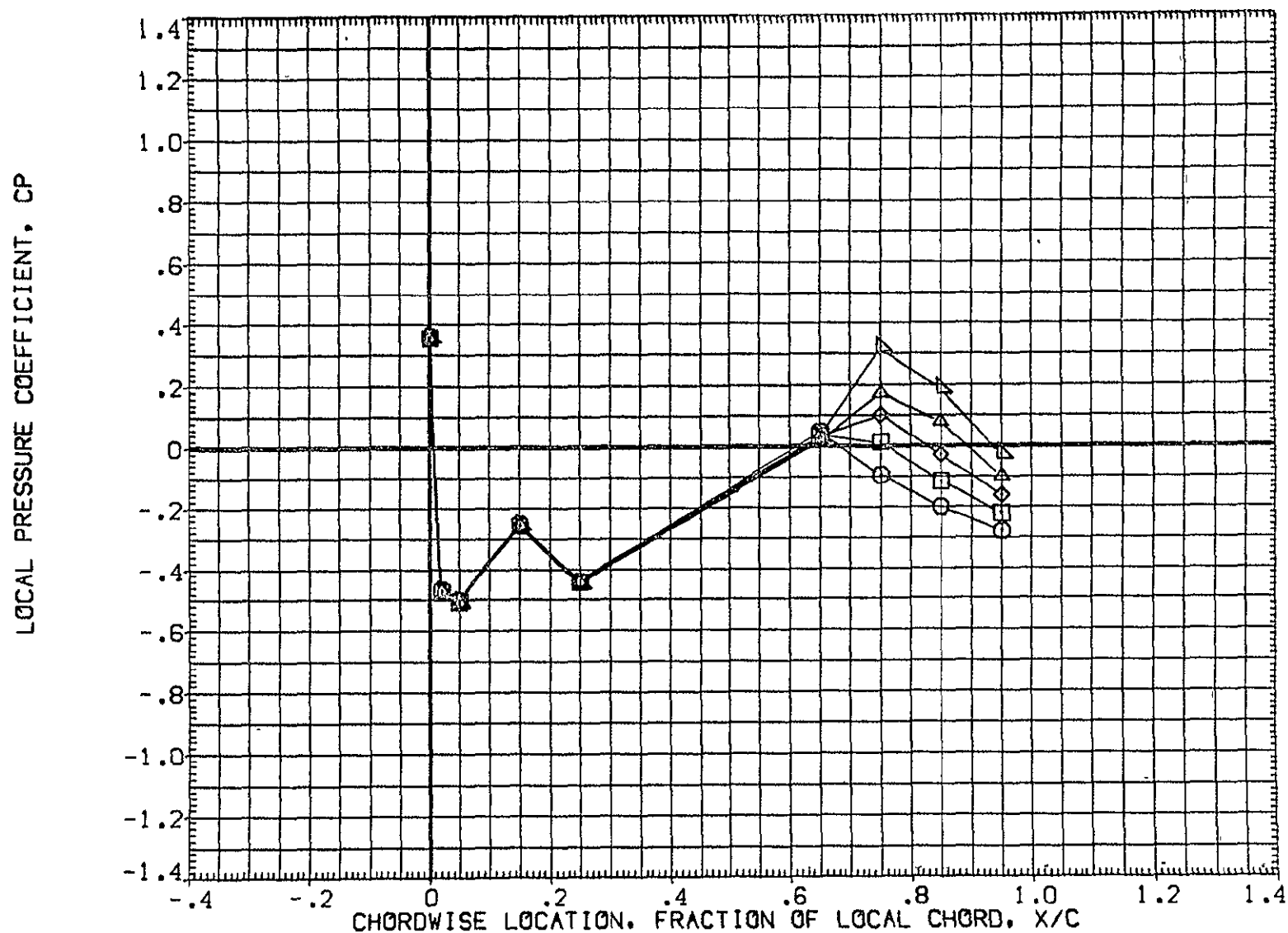


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -6.000 2Y/B = .771 PAGE 758

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

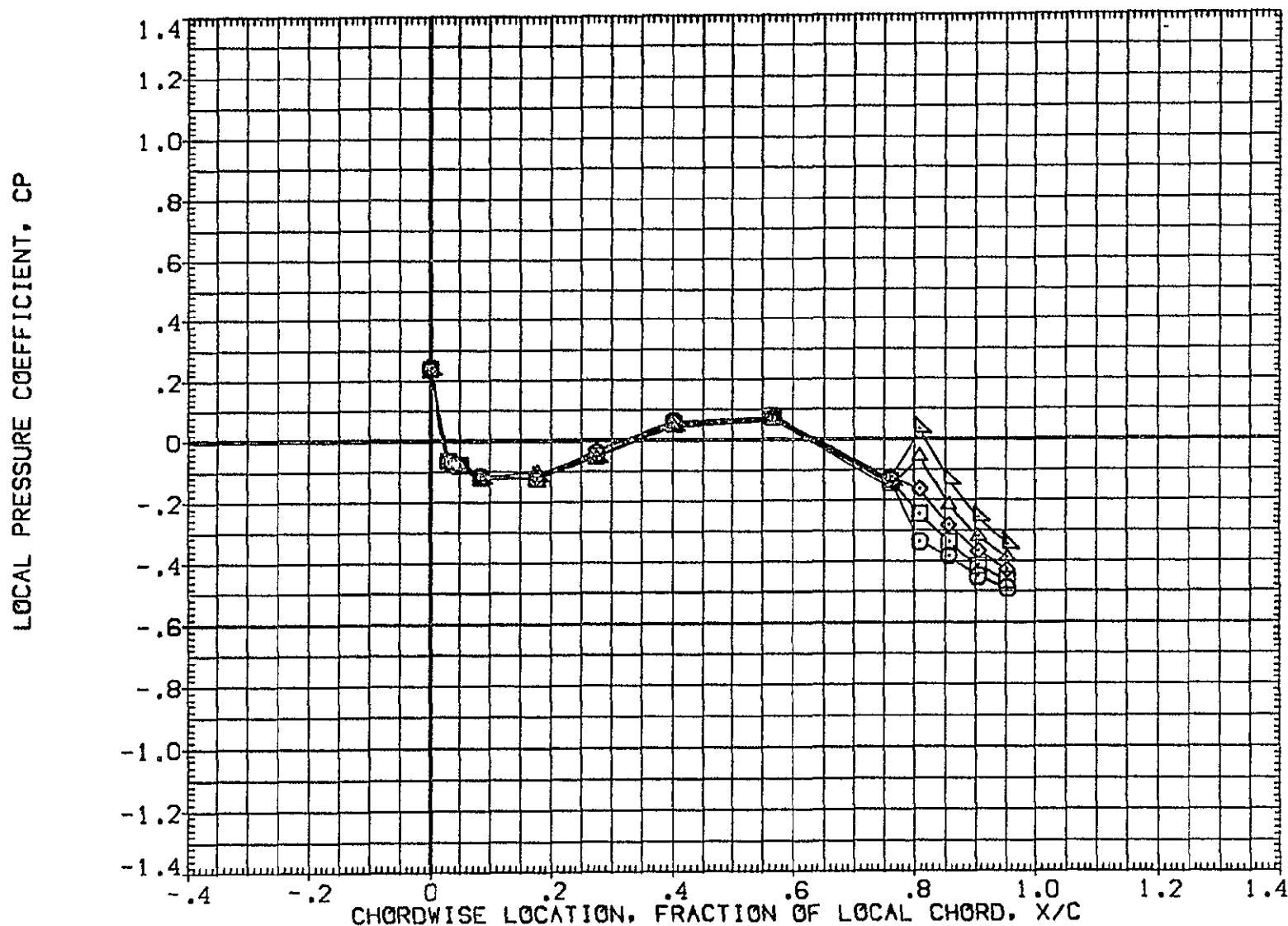


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -4.000 2Y/B = .436 PAGE 759



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

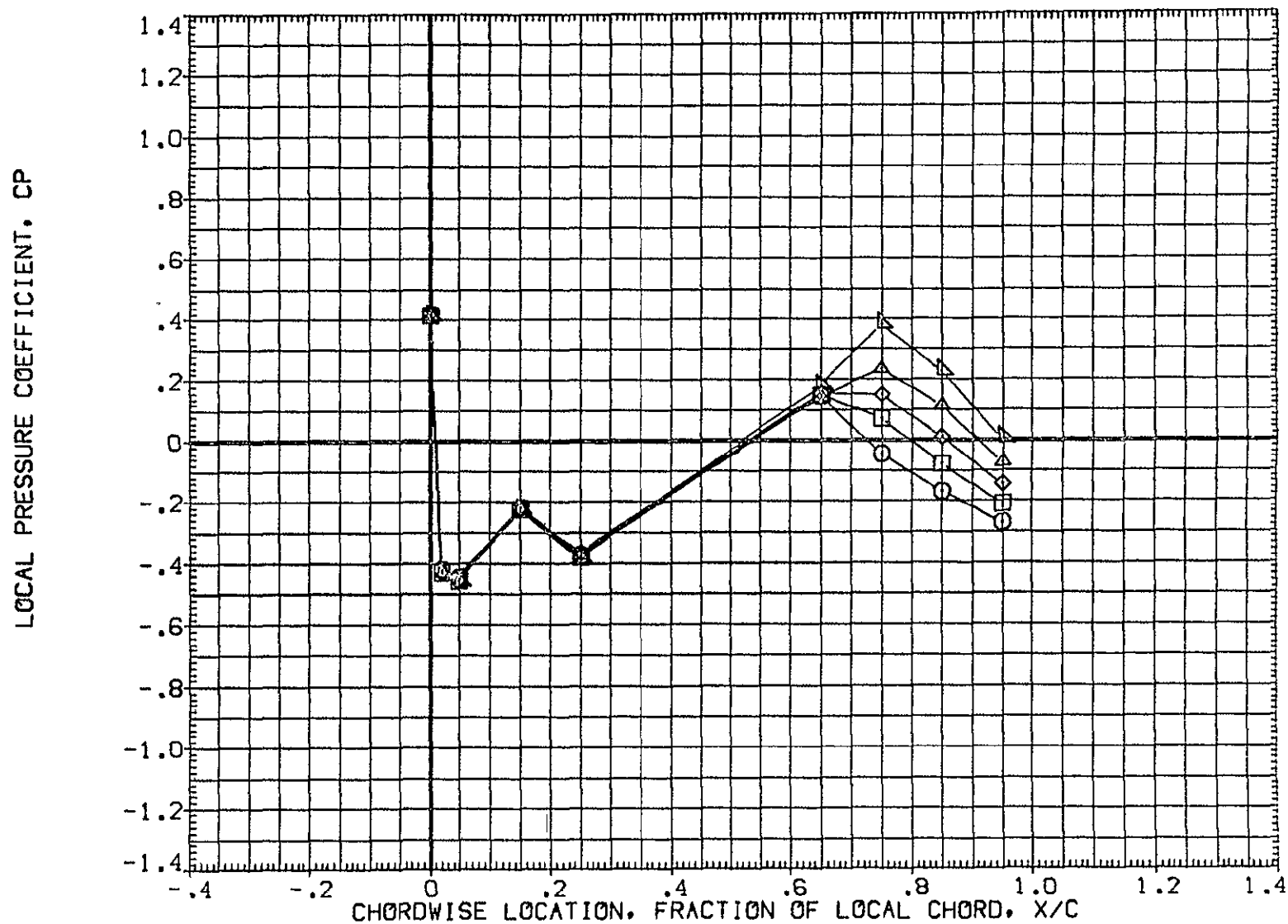


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -4.000 2Y/B = .771 PAGE 760

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

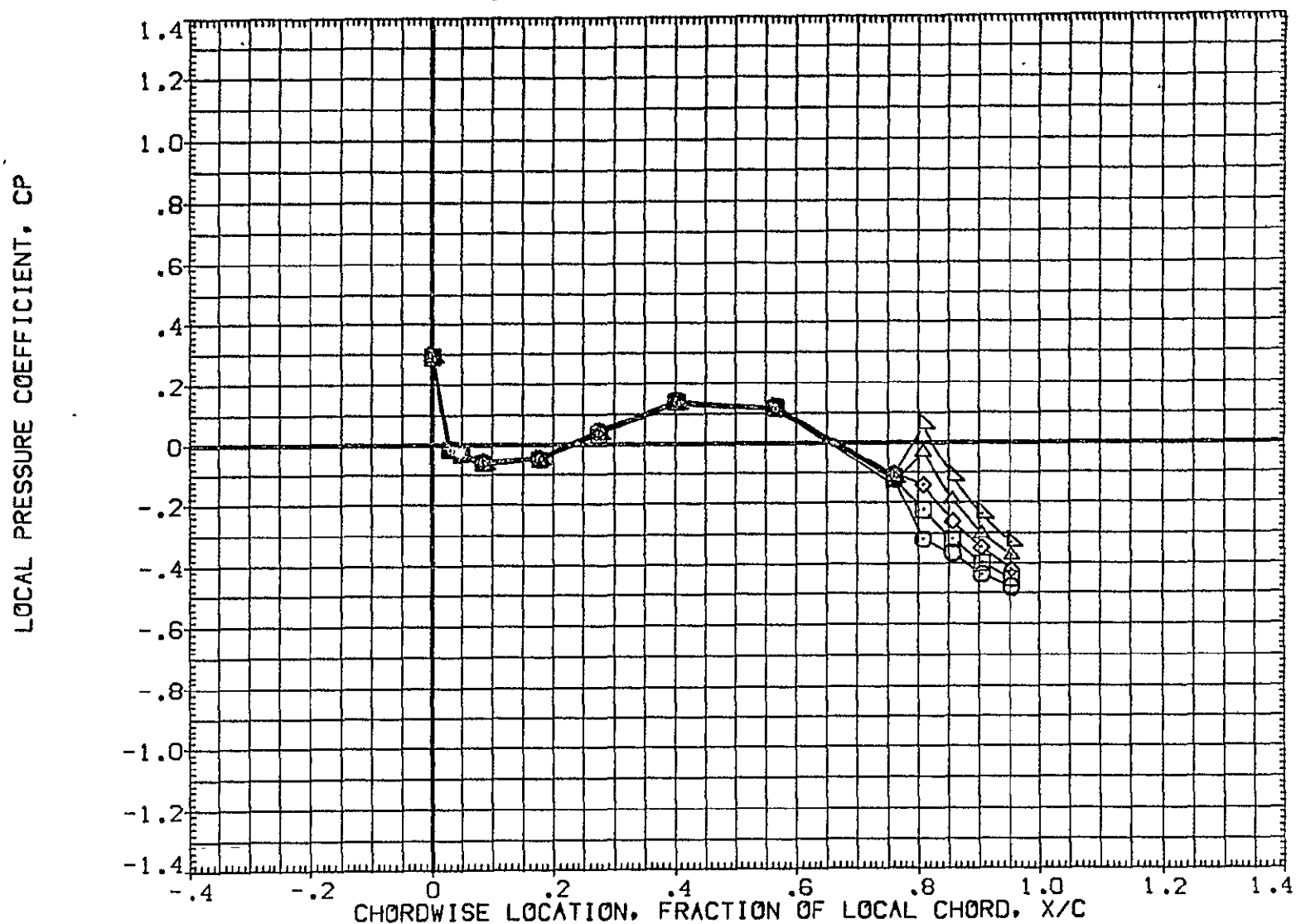


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -2.000 2Y/B = .436 PAGE - 761

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

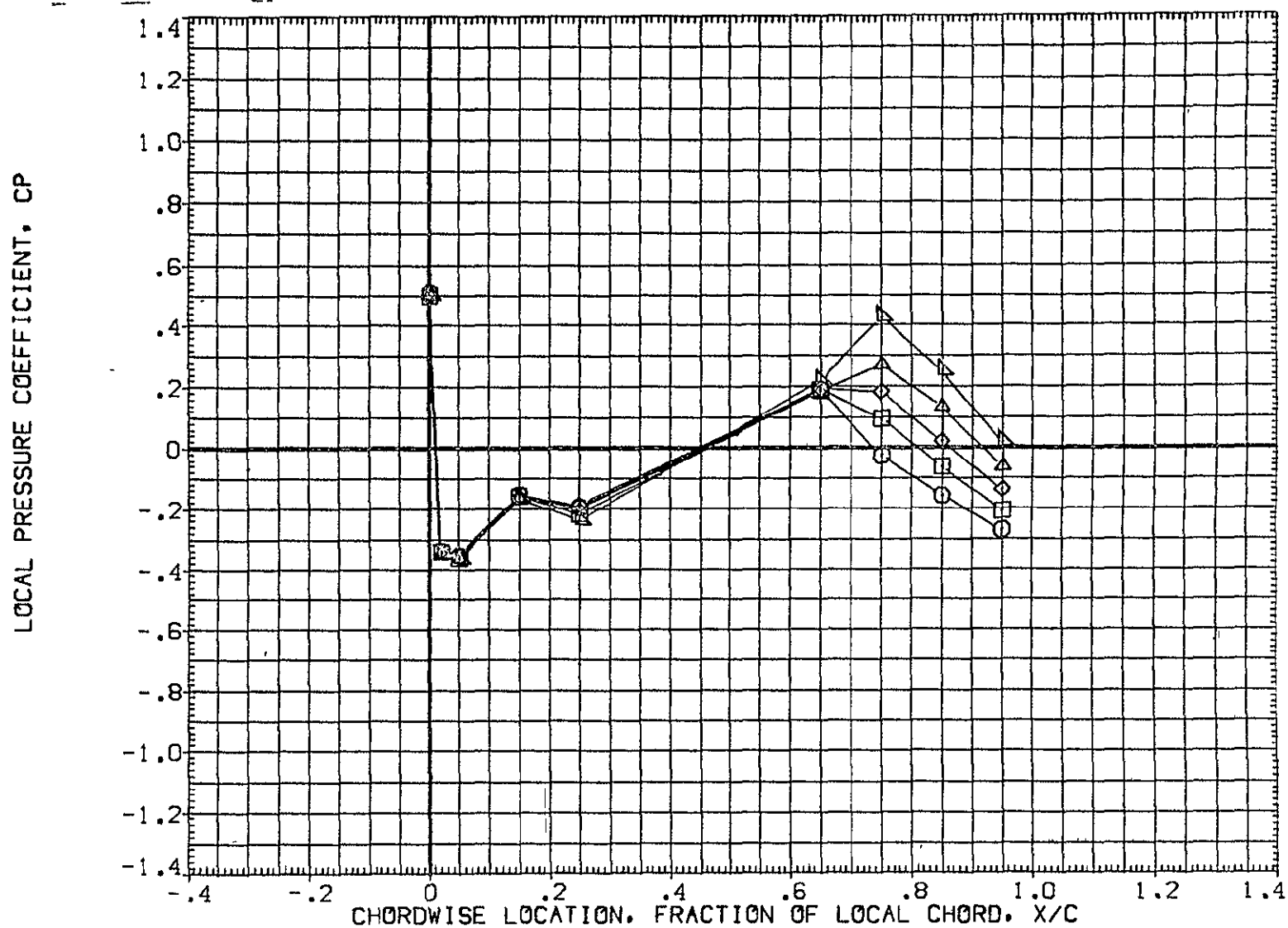


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -2.000 2Y/B = .771 PAGE 762

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

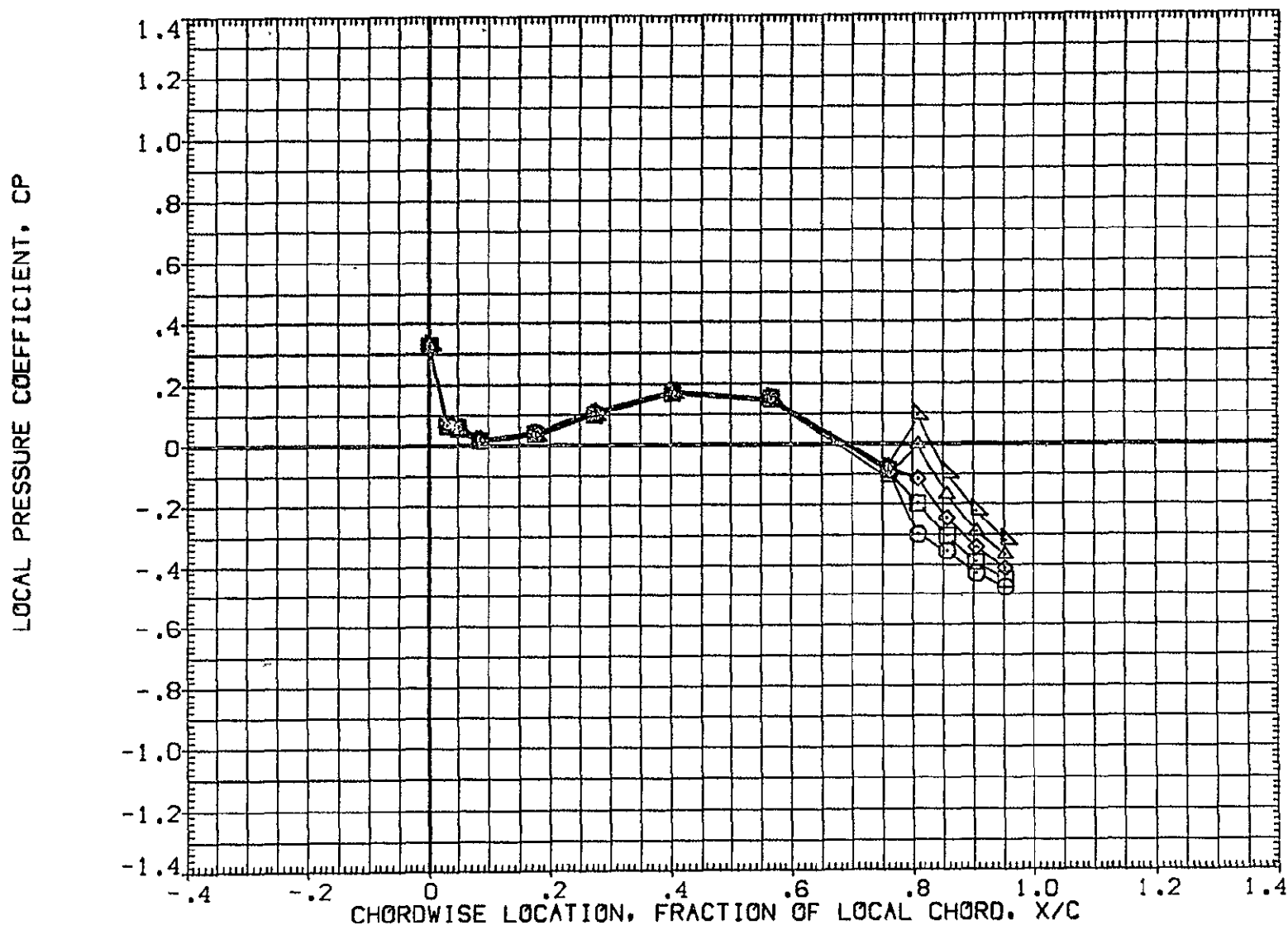


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = .000 2Y/B = .436 PAGE 763

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

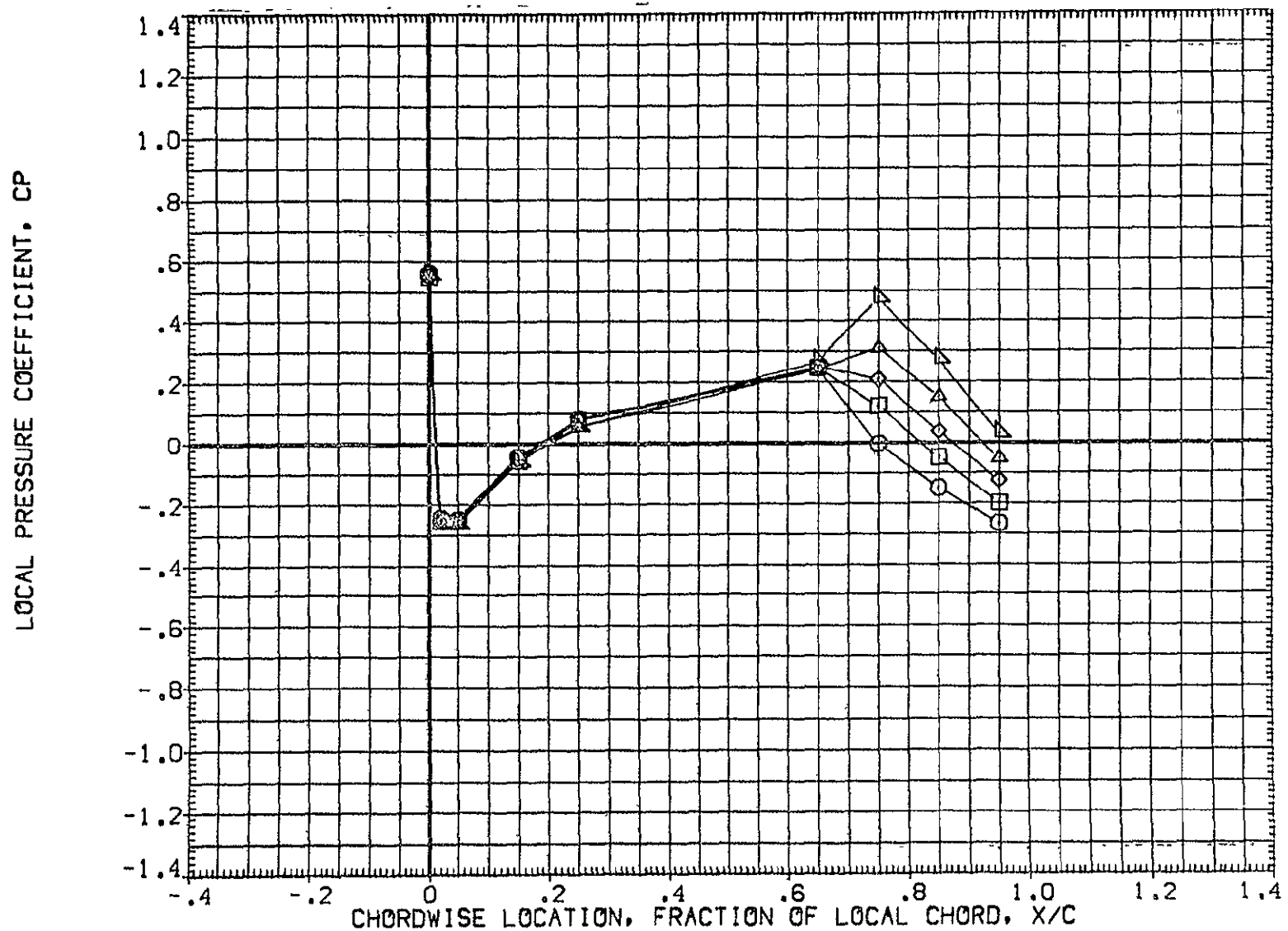


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	○	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L45]	□	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	◇	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	×	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	△	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

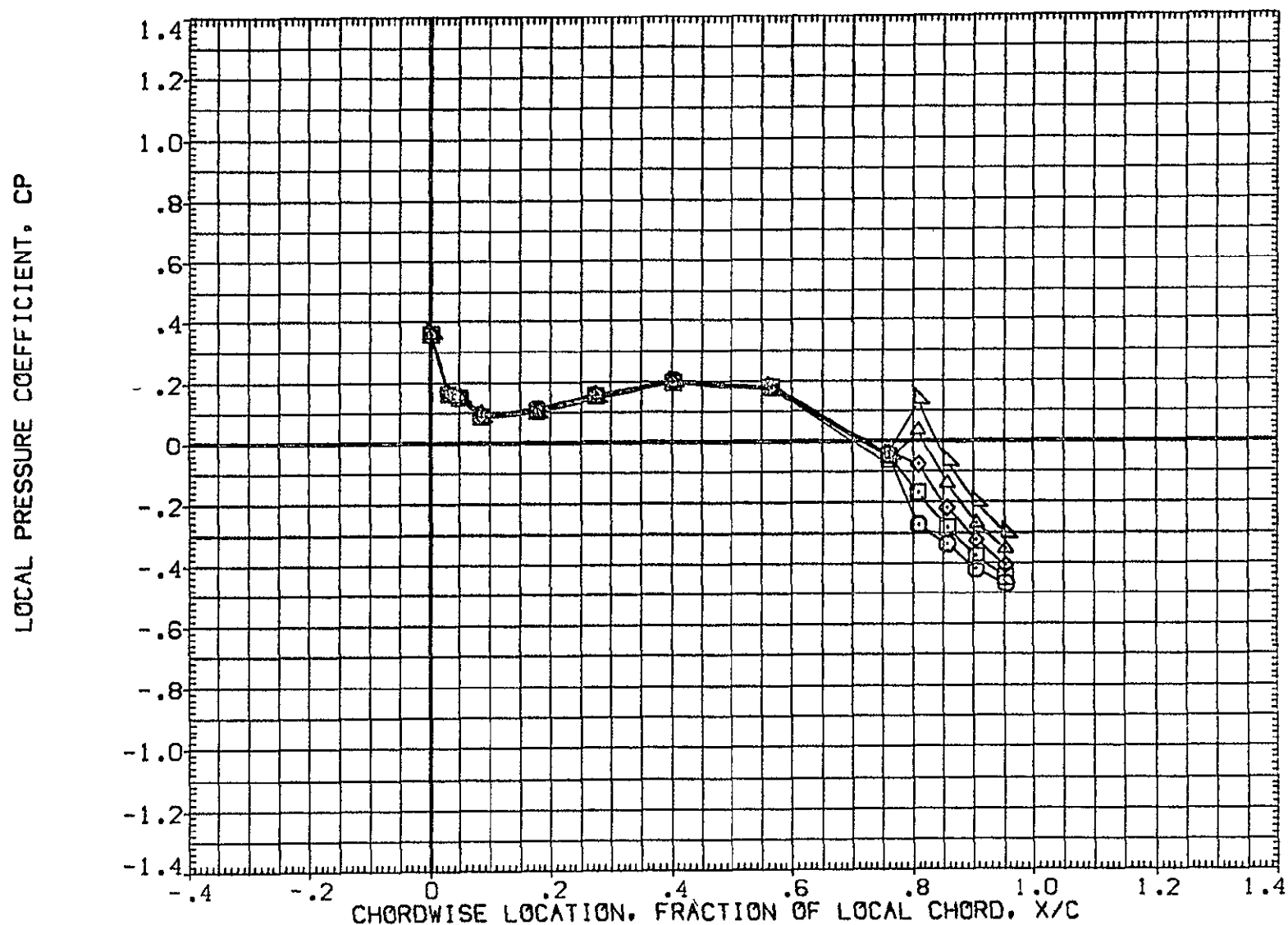


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 2.000 2Y/B = .436 PAGE 765

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

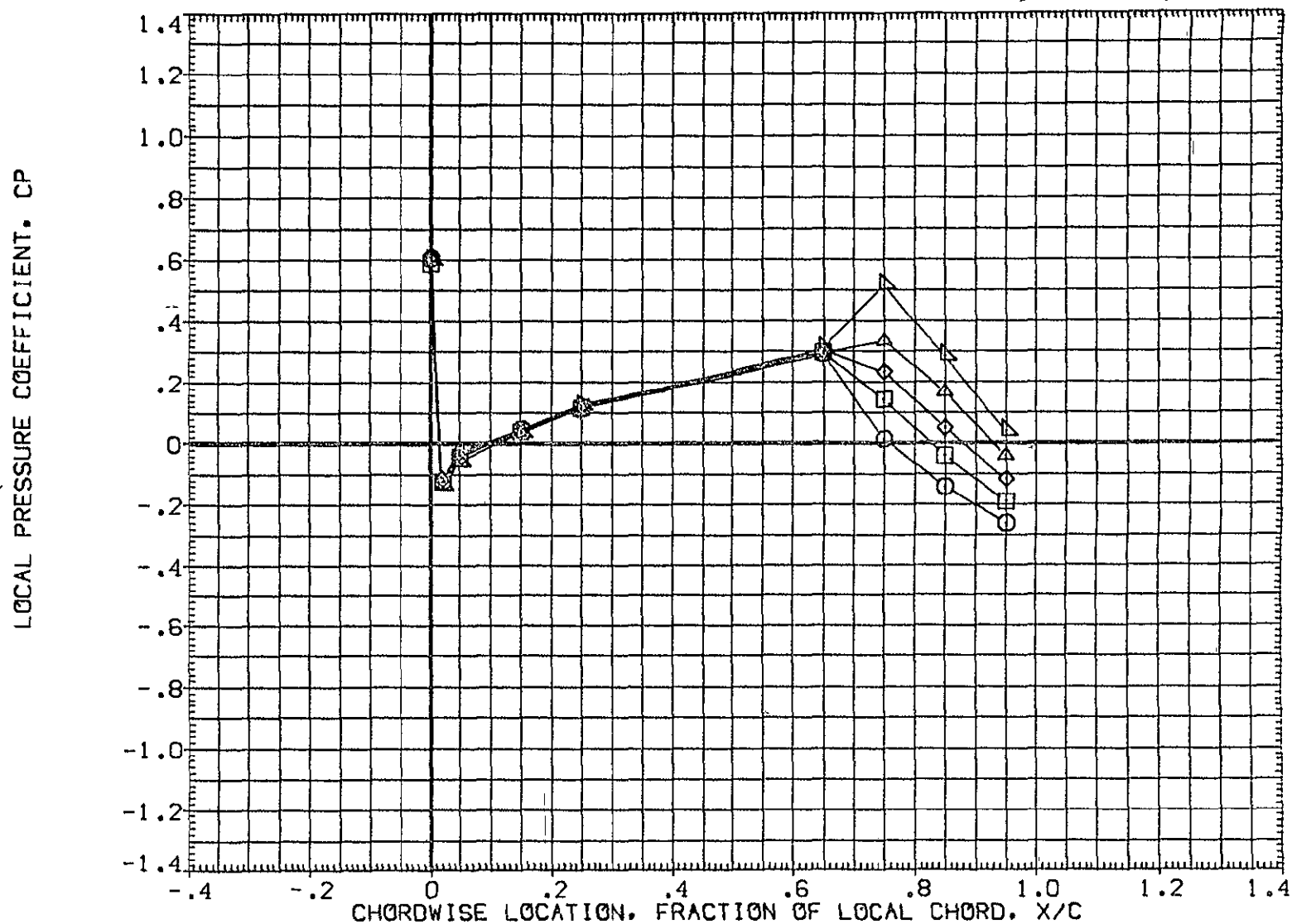


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L45}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

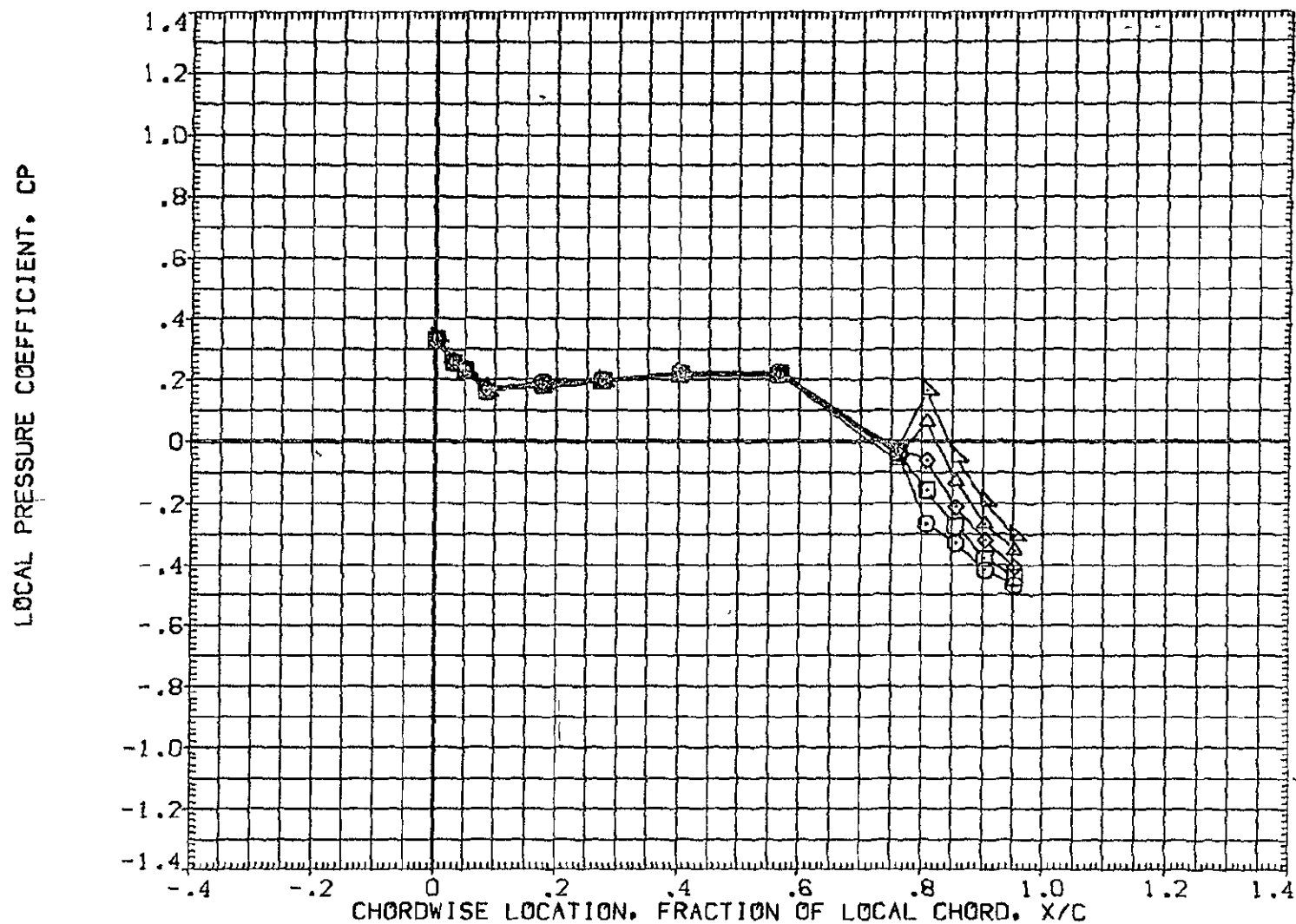


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 4.000 2Y/B = .436 PAGE 767



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L64]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L45]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L50]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L55]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L60]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

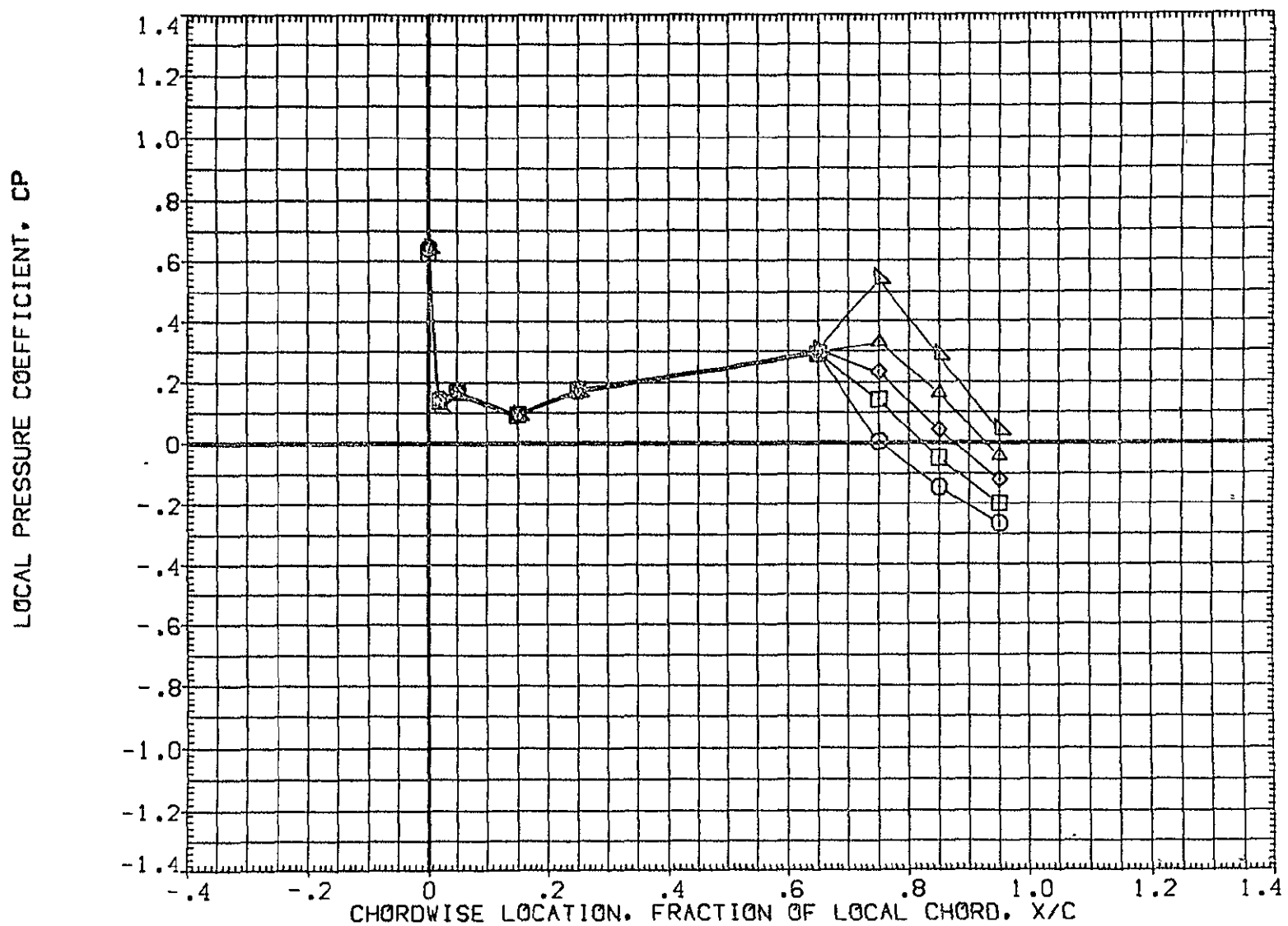


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 4.000 2Y/B = .771 PAGE 768

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

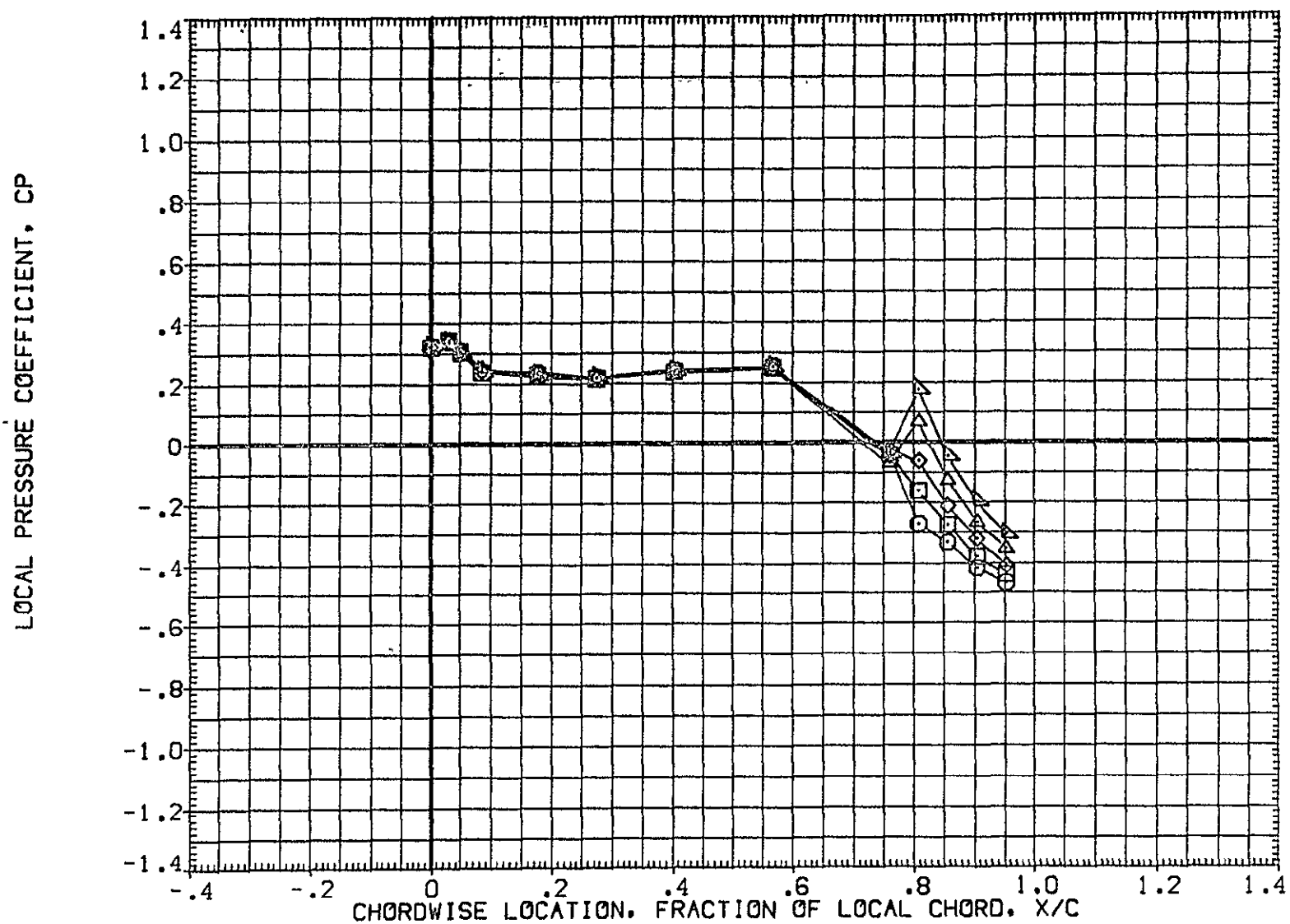


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0°  
MACH = 1.500 ALPHA = 6.000 2Y/B = .436 PAGE 769

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

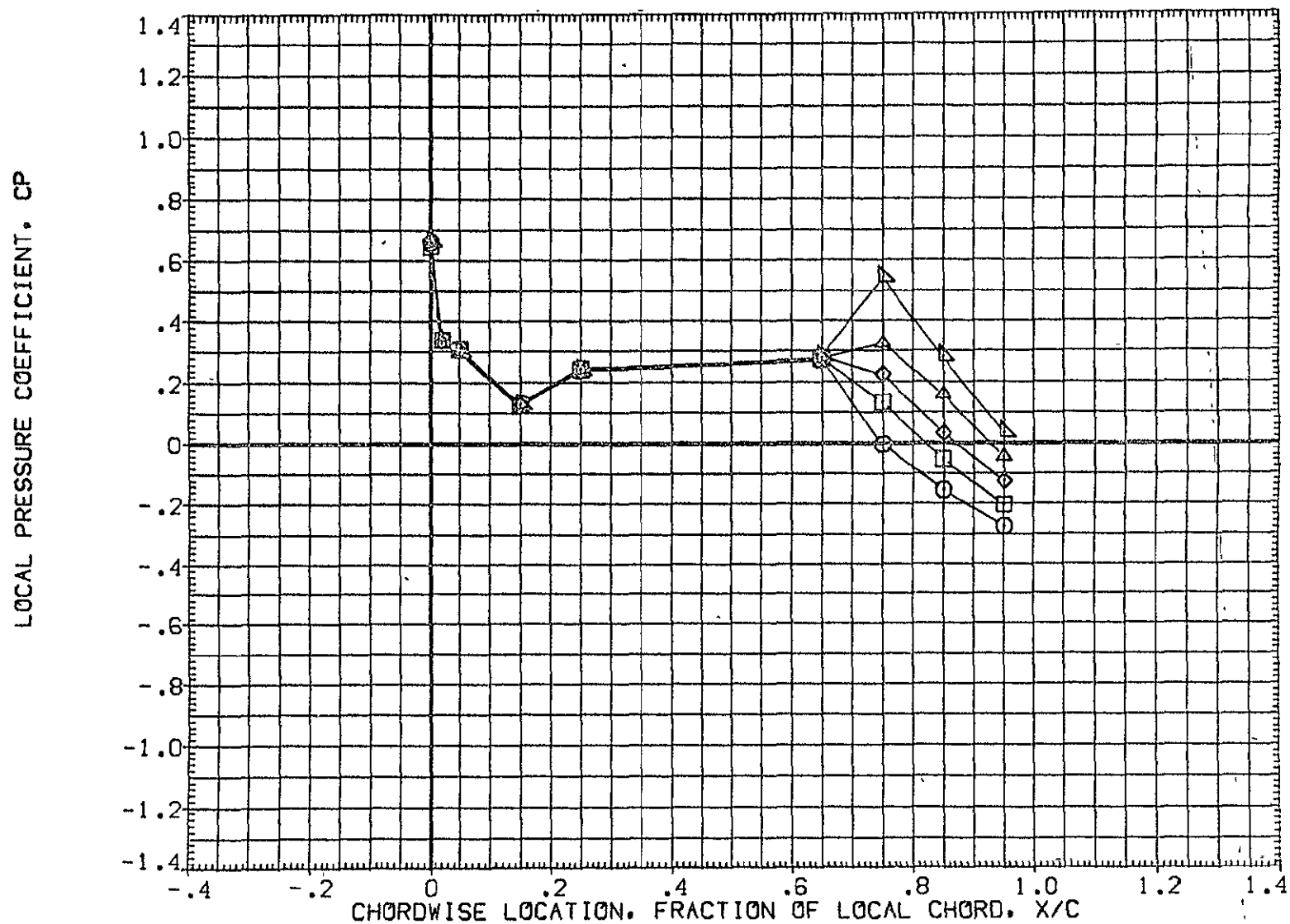


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 6.000 2Y/B = .771 PAGE 770

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L64}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L50}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L60}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

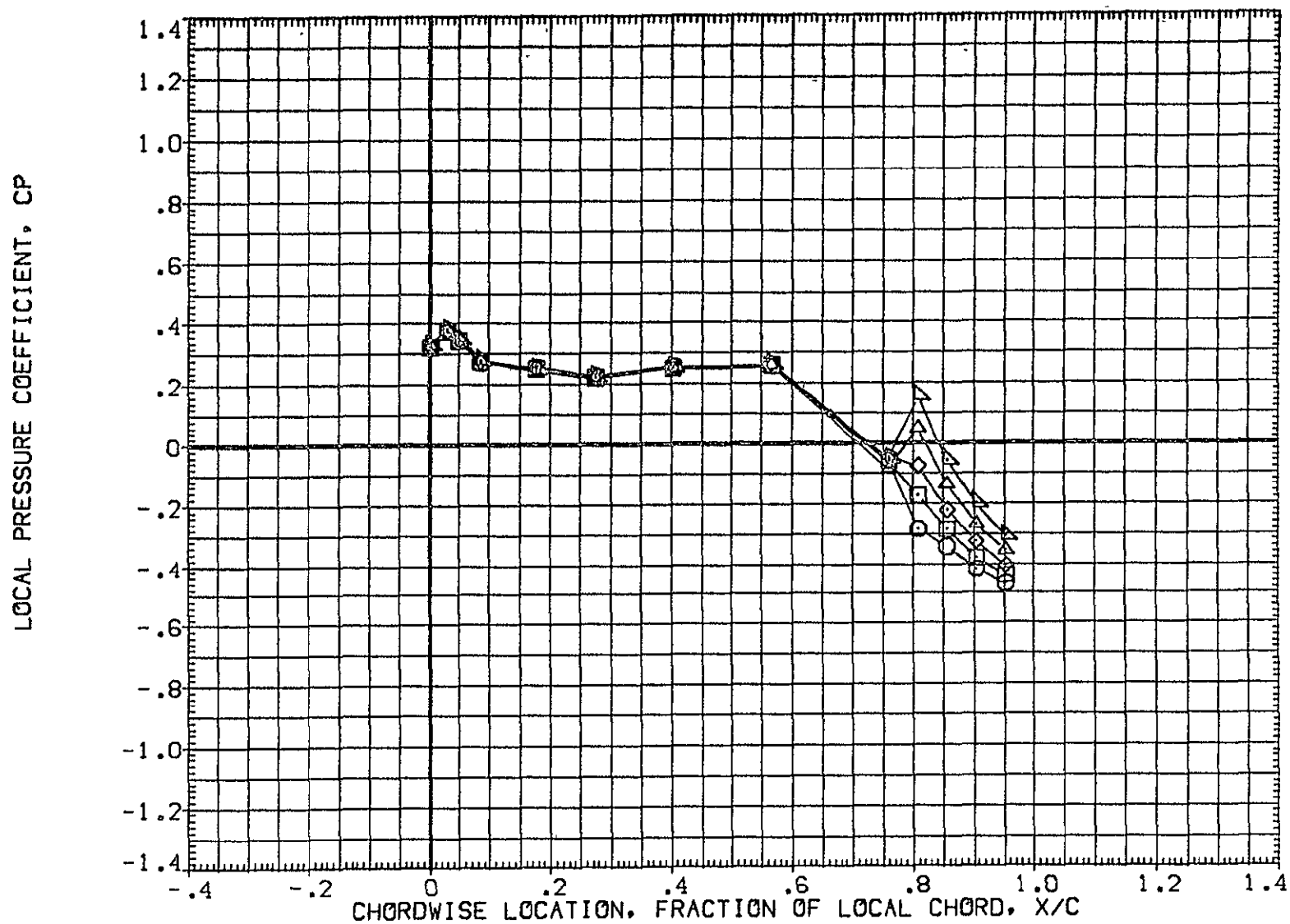


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L64)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L50)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L60)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

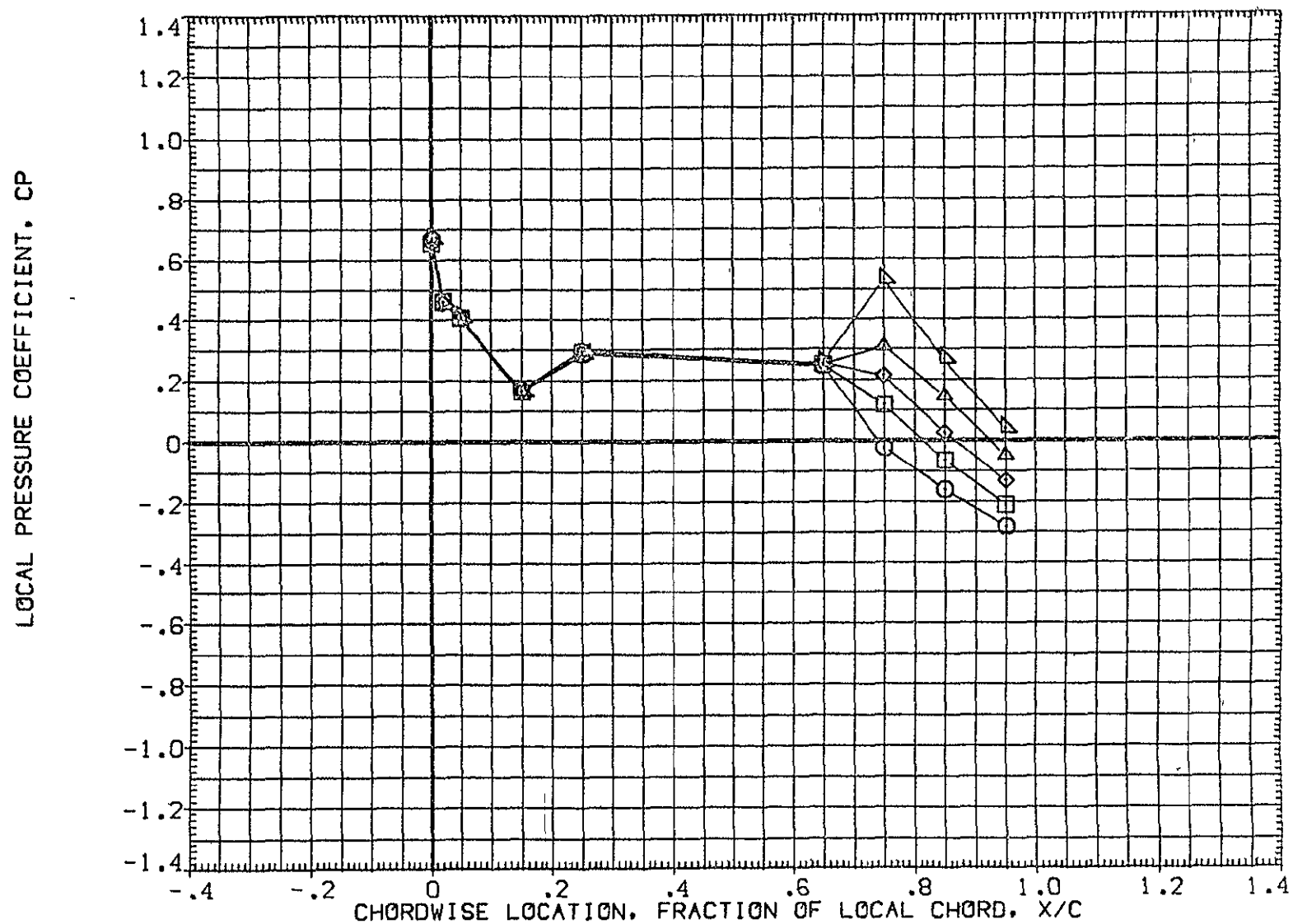


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 8.000 2Y/B = .771 PAGE 772

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

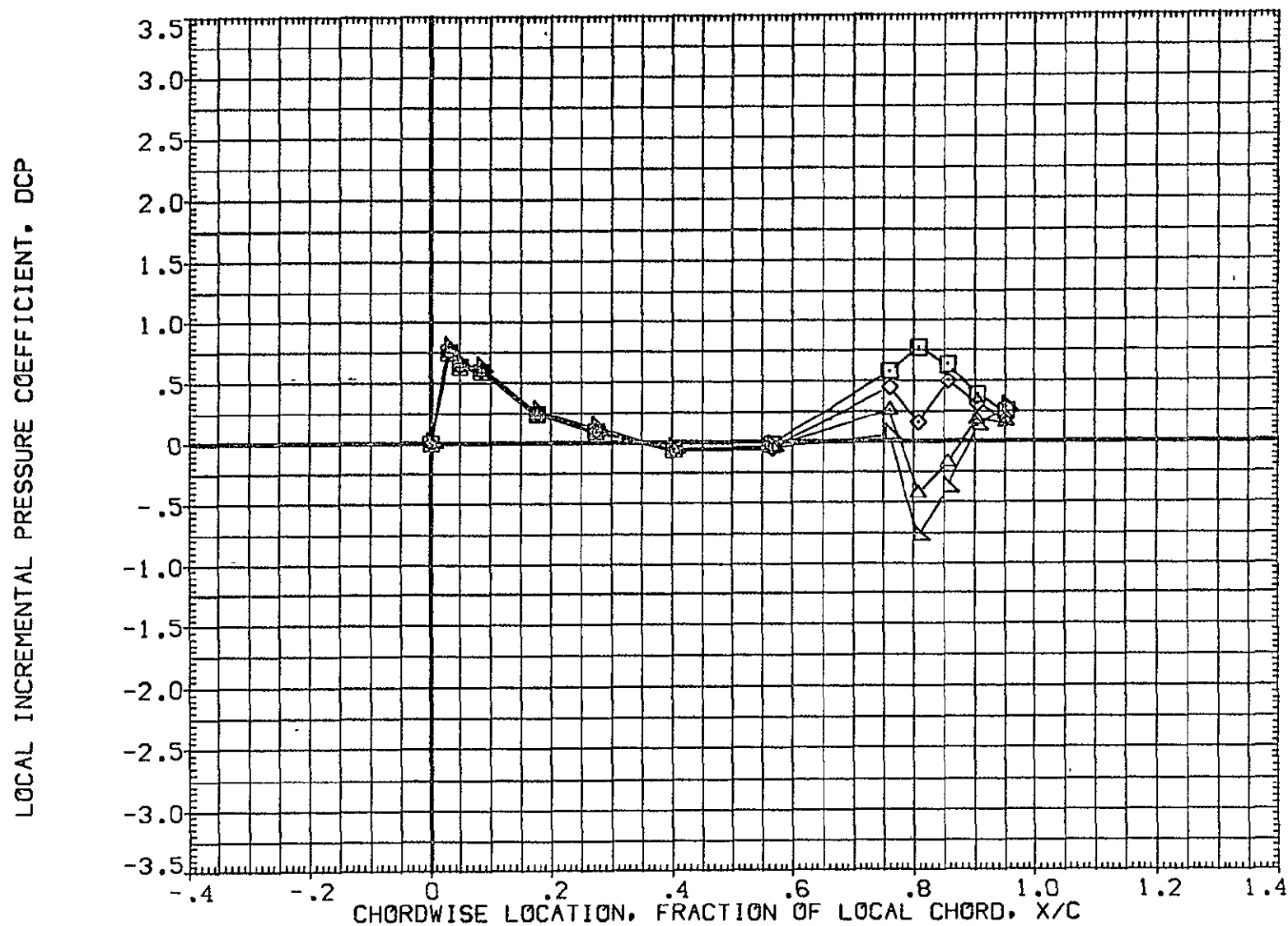


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -8.000 2Y/B = .436 PAGE 773

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

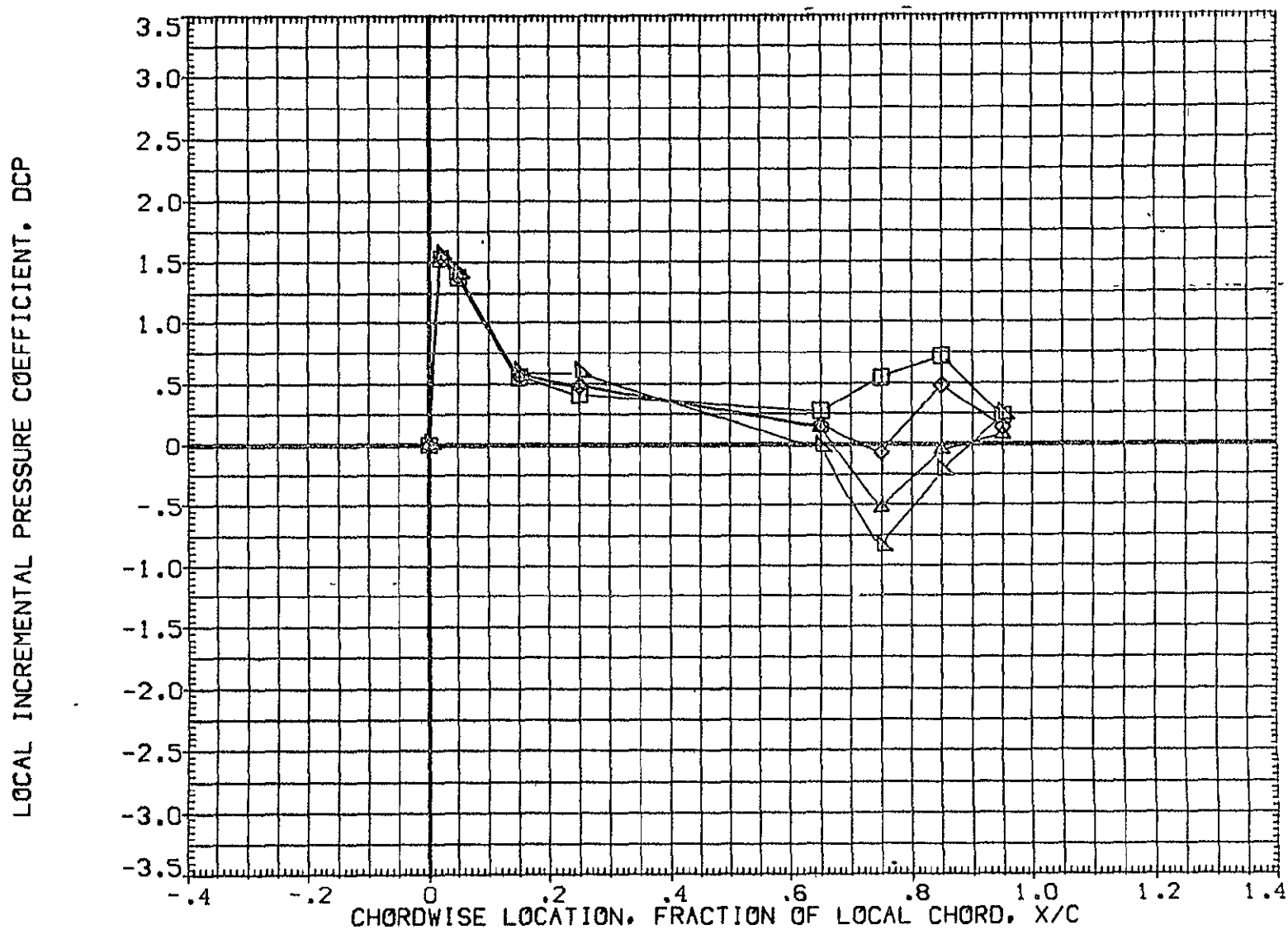


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

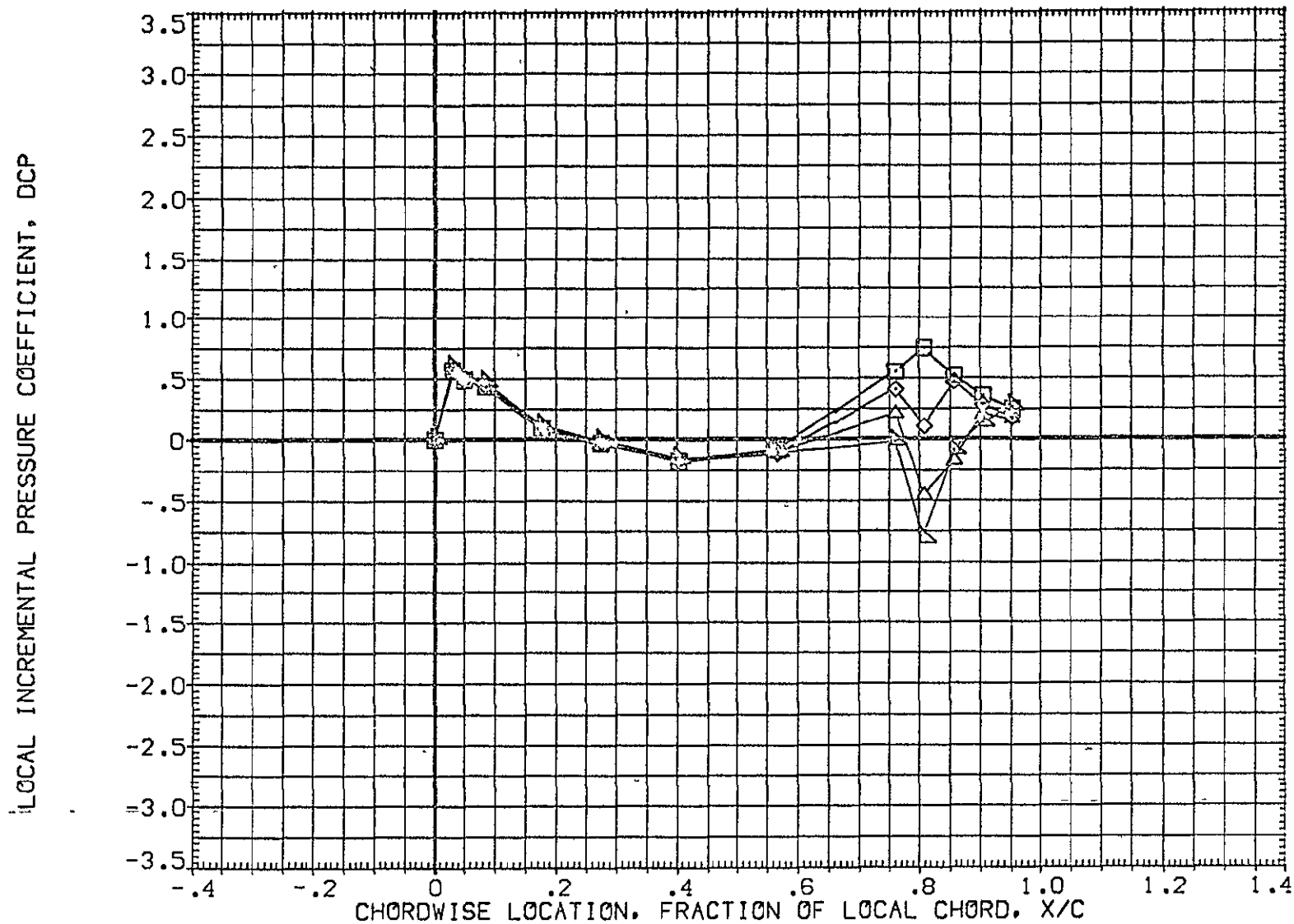


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

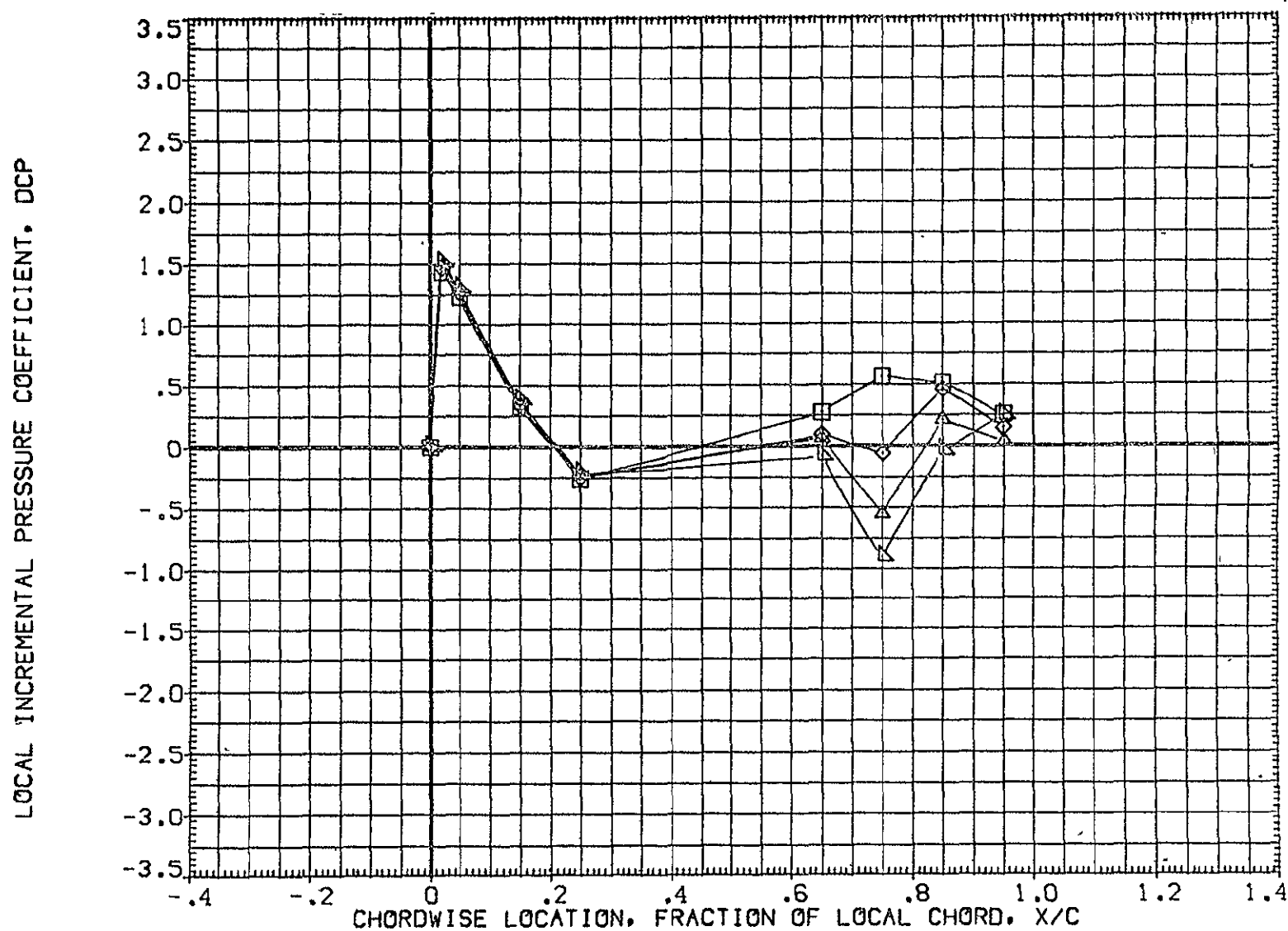


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -6.000 2Y/B = .771 PAGE 776

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

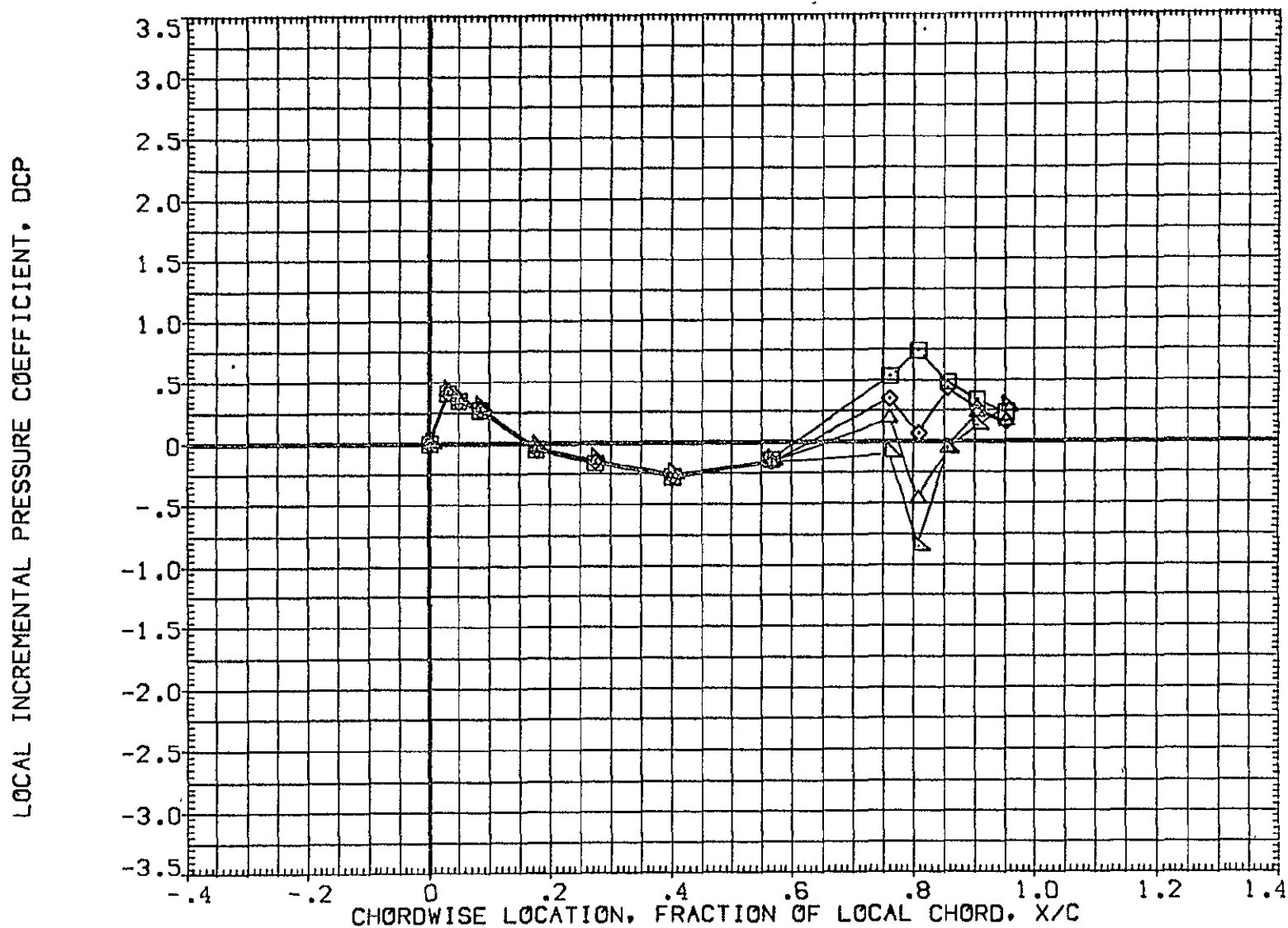


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -4.000 2Y/B = .436 PAGE 777

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

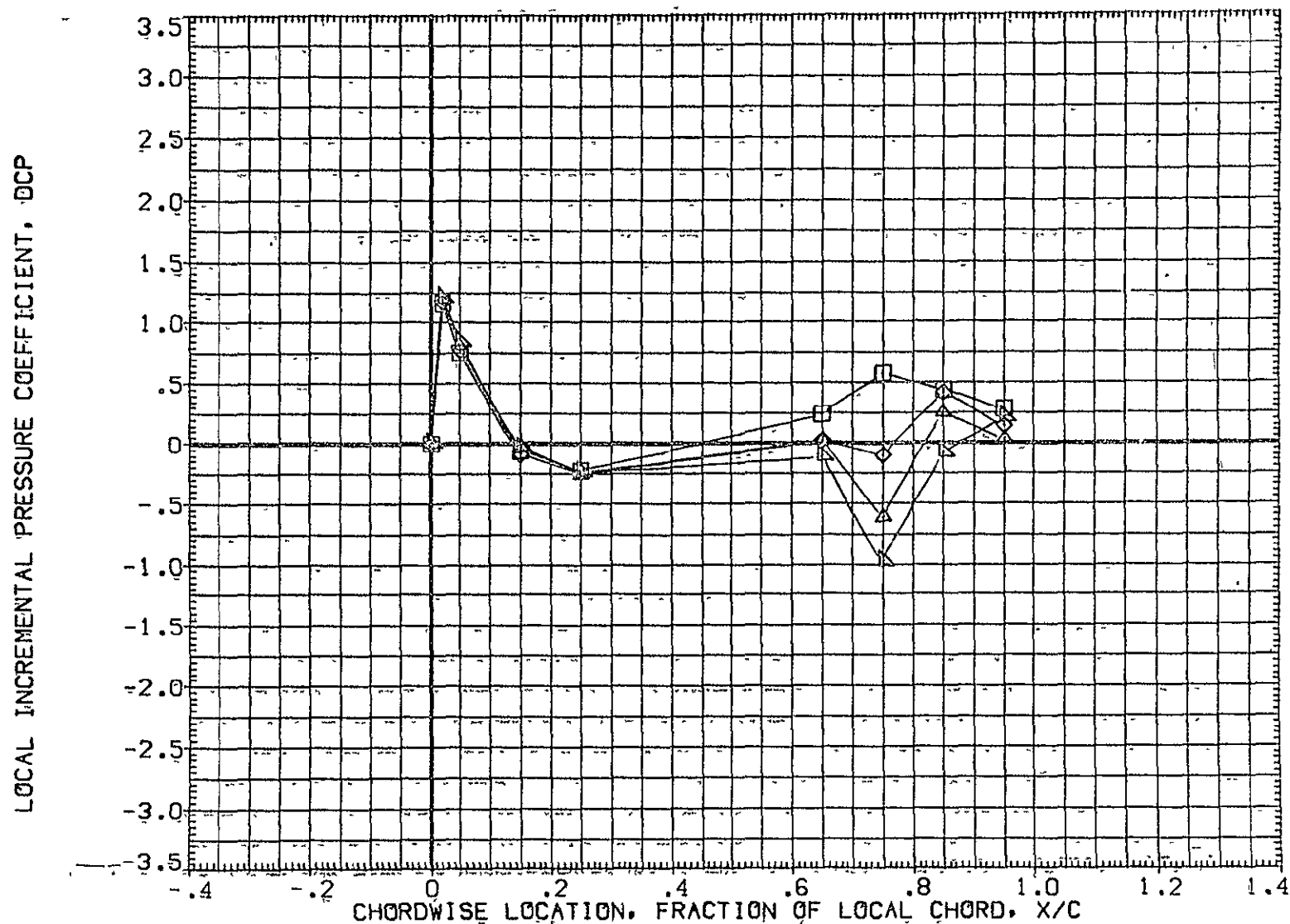


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -4.000 2Y/B = .771 PAGE 778

DATA SET SYMBOL - CONFIGURATION DESCRIPTION

[AF7064]	□	DATA NOT AVAILABLE							-4.000	.000	-4.000	-4.000
[AF7045]	□	1A70	01	T12	S1	P2	P8	WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	◇	1A70	01	T12	S1	P2	P8	WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	△	1A70	01	T12	S1	P2	P8	WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	△	1A70	01	T12	S1	P2	P8	WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

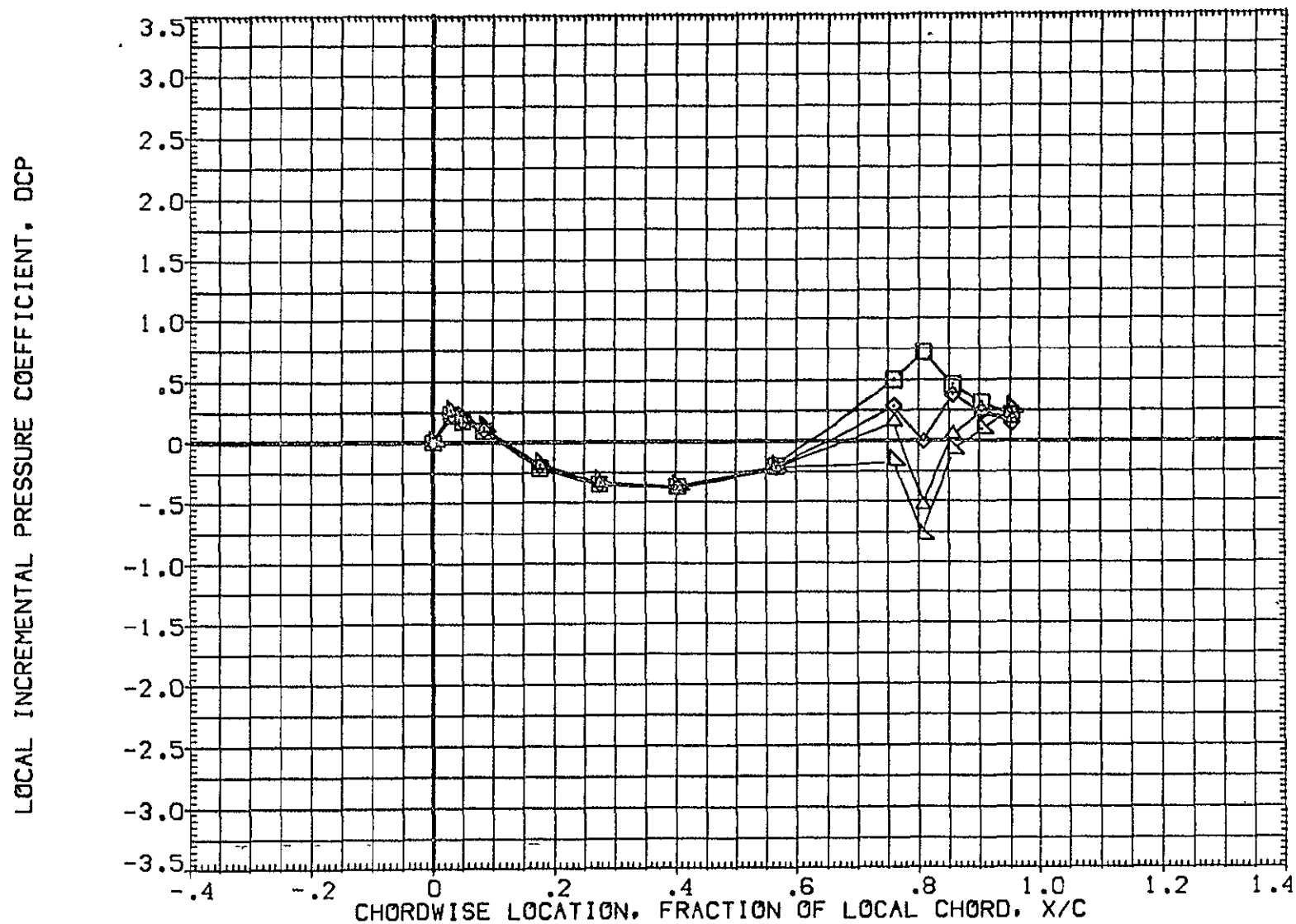


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -2.000 2Y/B = .436 PAGE 779

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF70S4}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

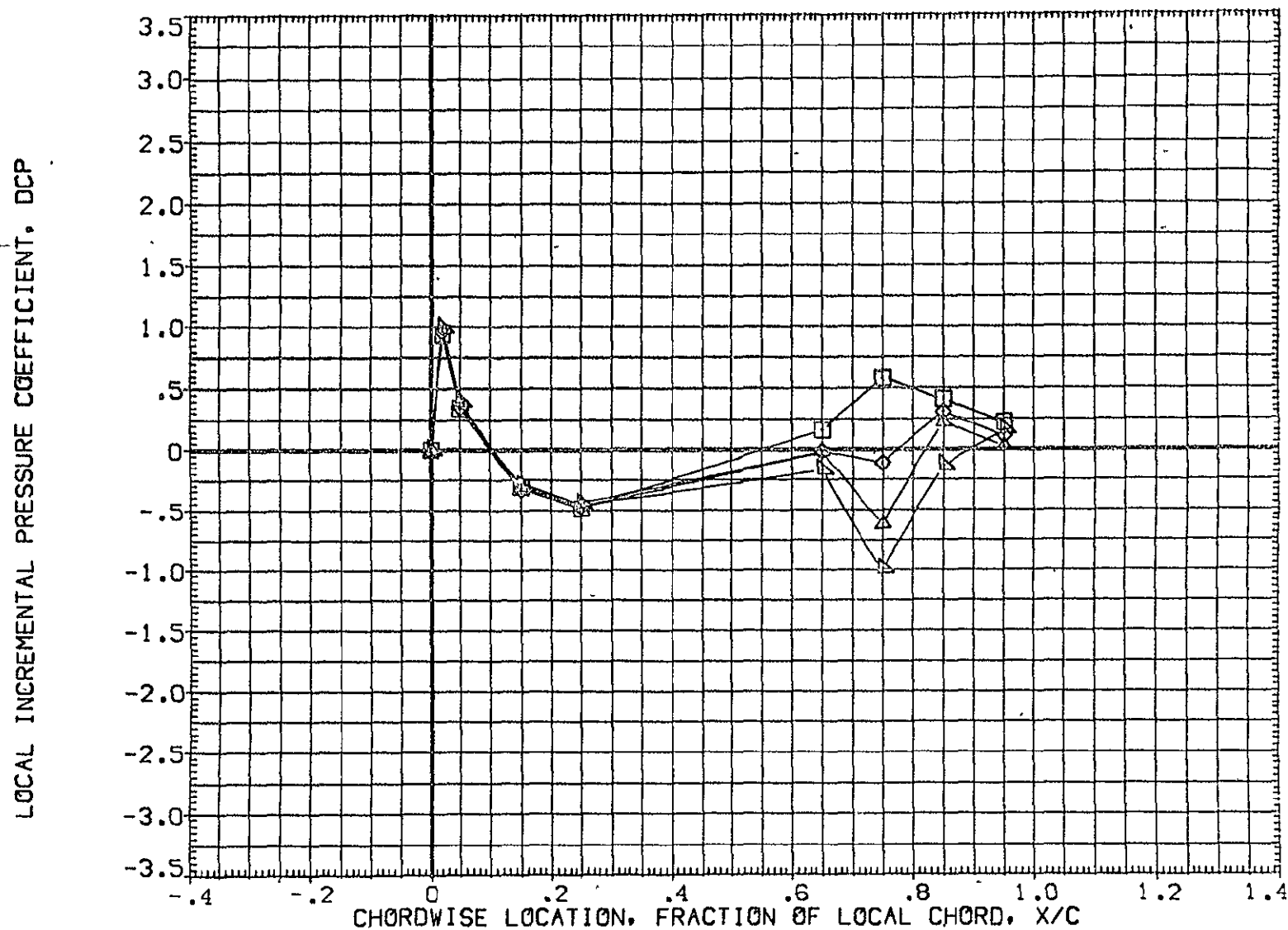


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = -2.000 2Y/B = .771 PAGE 780

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

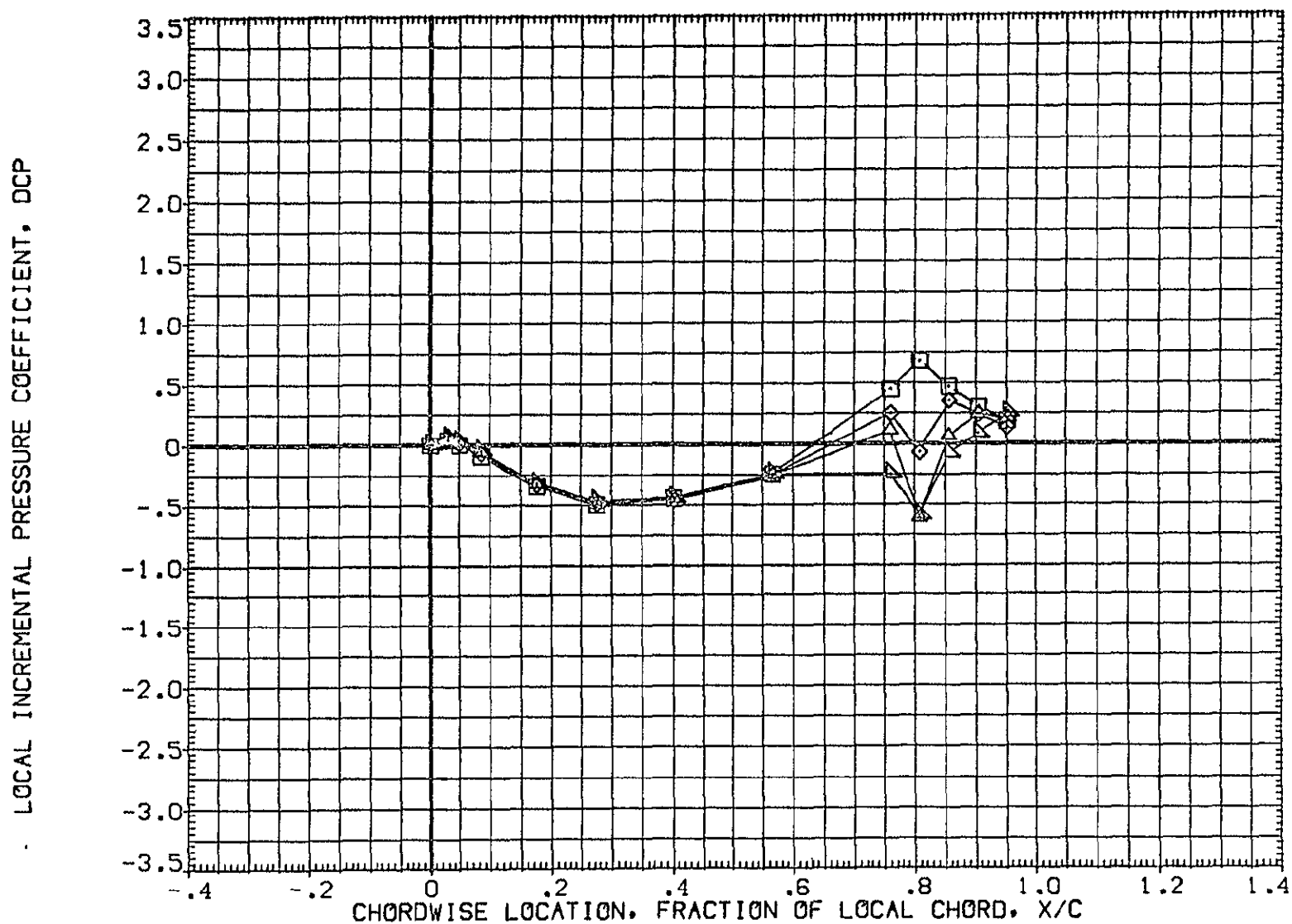


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

LOCAL INCREMENTAL PRESSURE COEFFICIENT, DCP

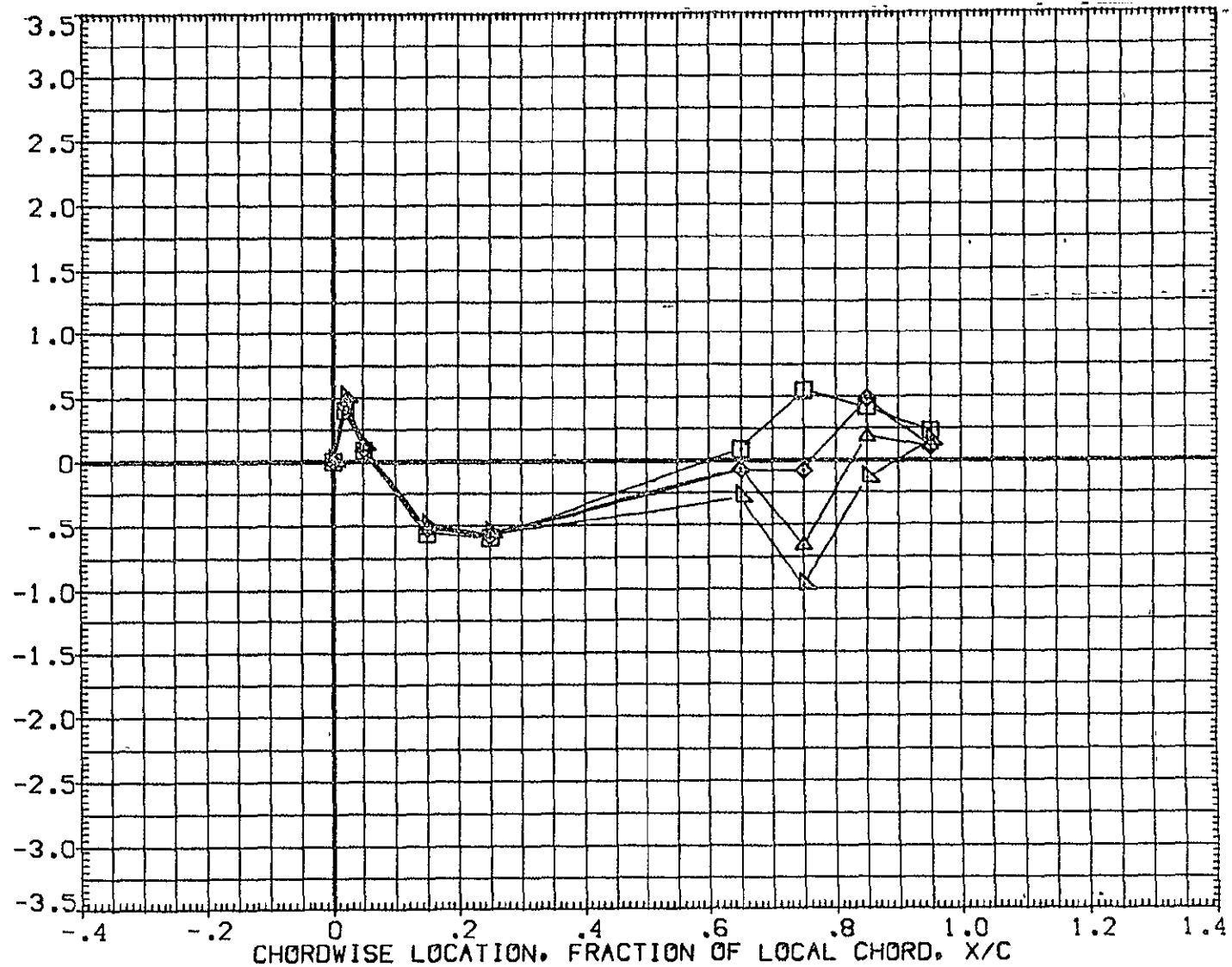


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

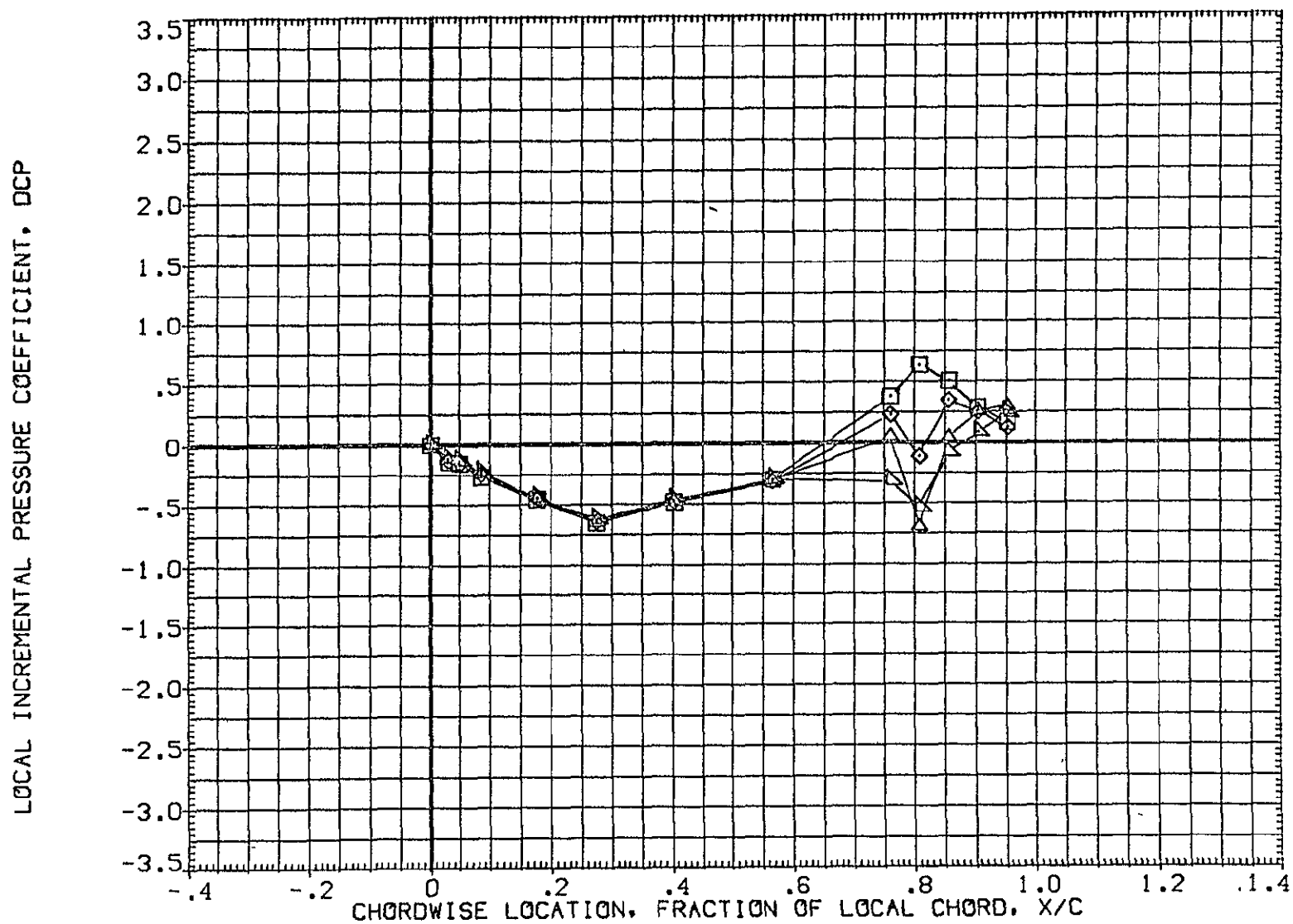


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 2.000 2Y/B = .436 PAGE 783



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

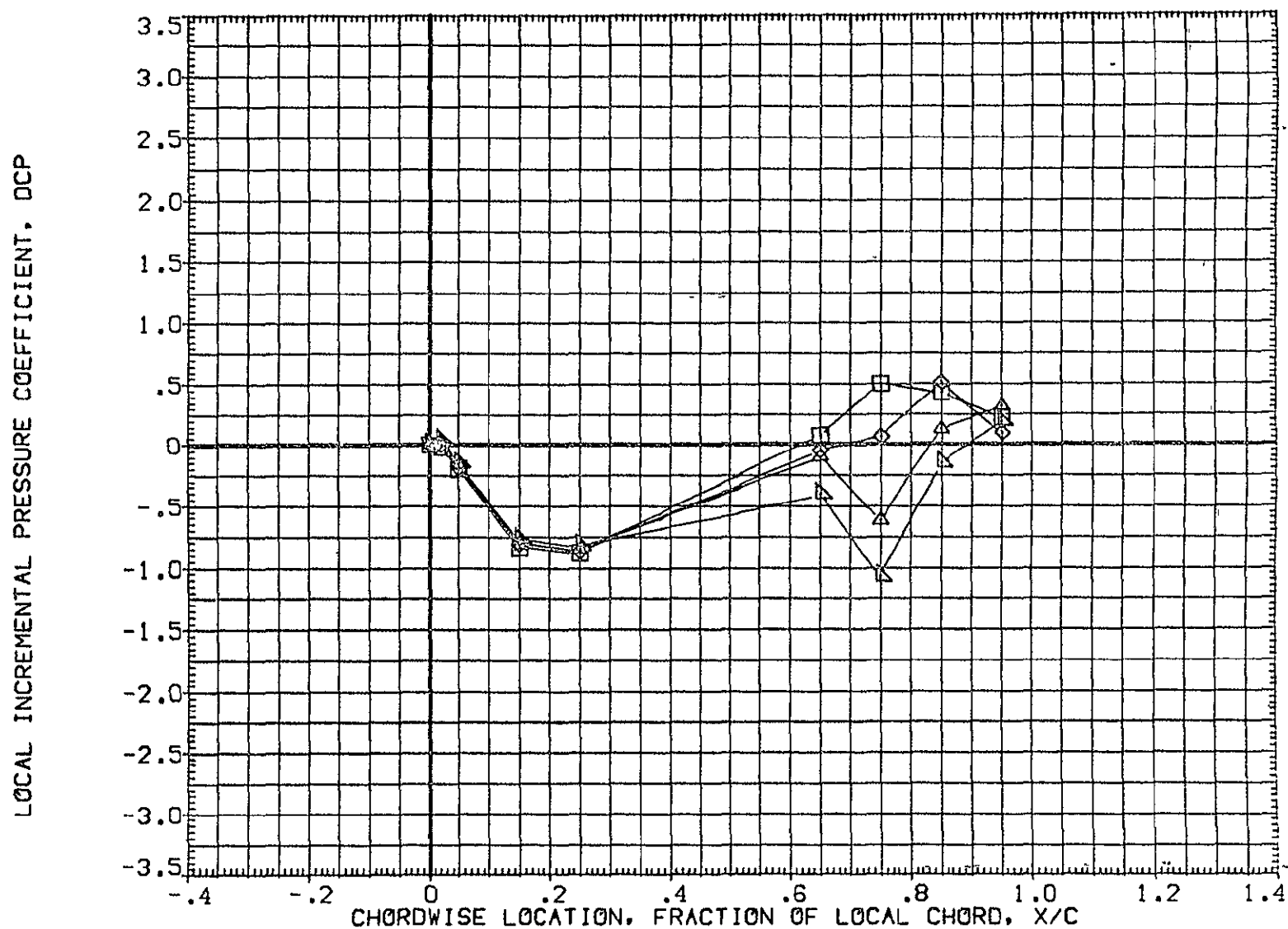


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 2.000 2Y/B = .771 PAGE 784

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

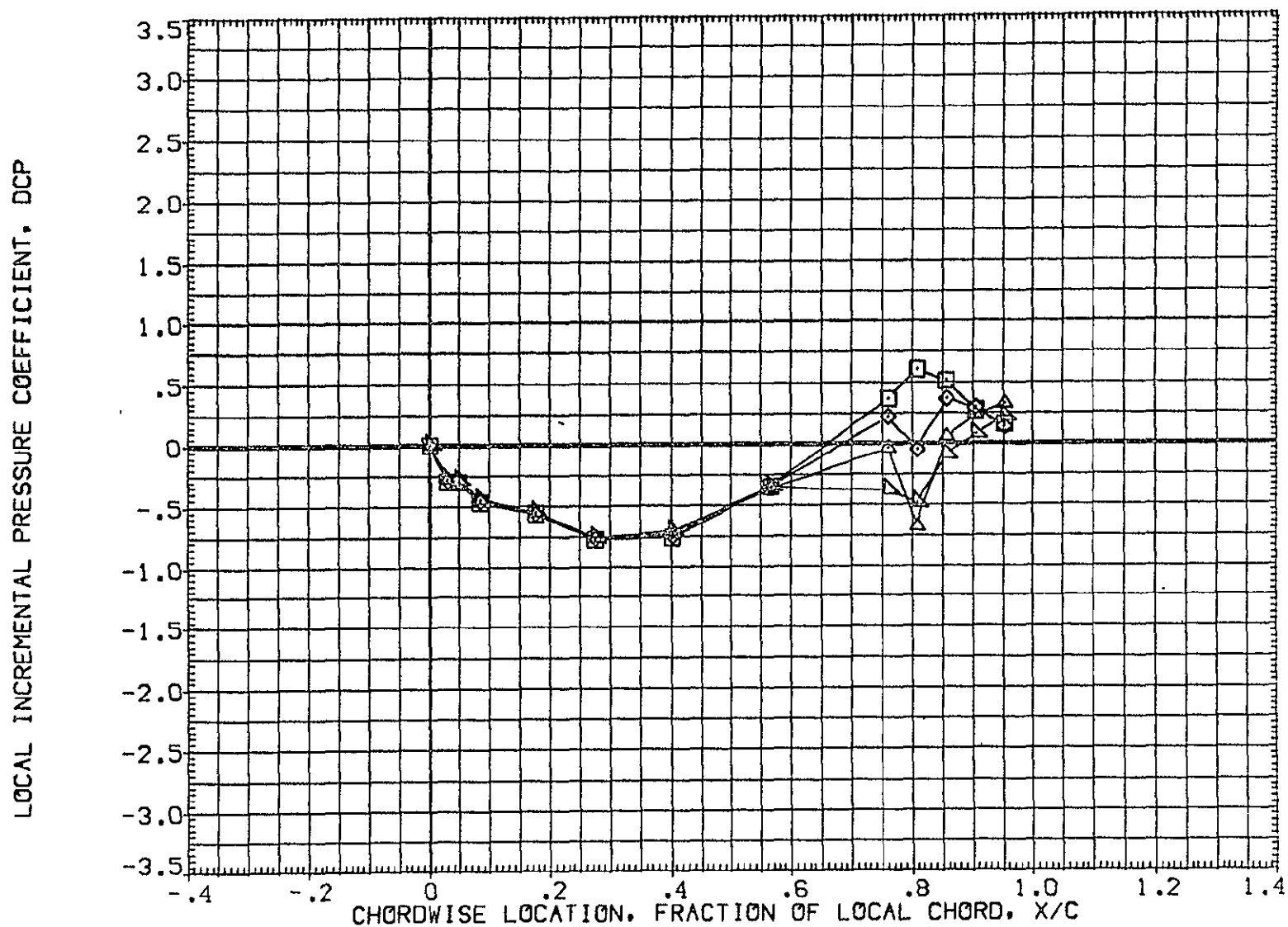


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 4.000 2Y/B = .436 PAGE 785

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7064 }	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{ AF7045 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{ AF7050 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{ AF7055 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{ AF7060 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

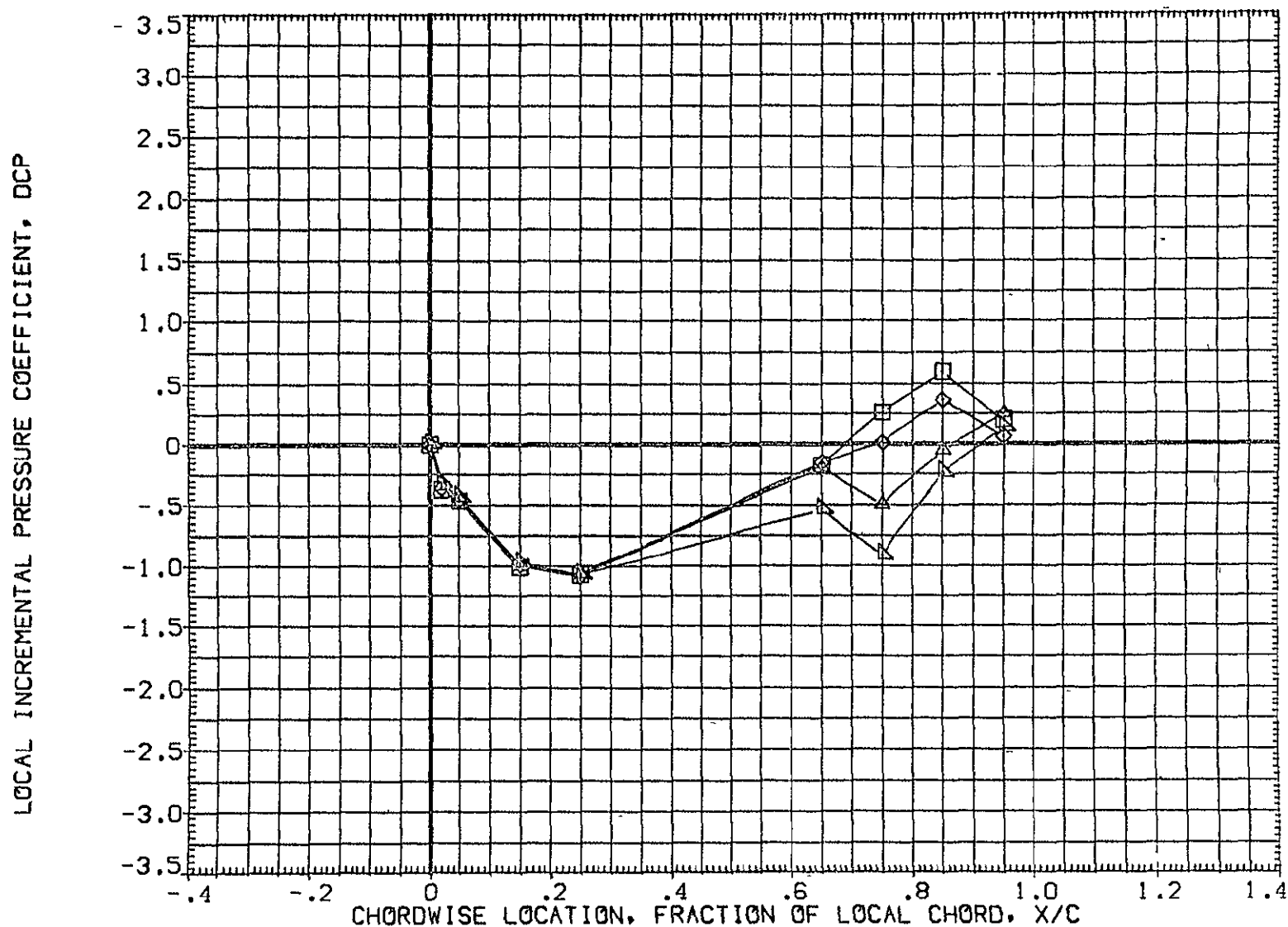


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 4.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7064 }	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{ AF7045 }	□	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{ AF7050 }	△	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{ AF7055 }	×	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{ AF7060 }	▽	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

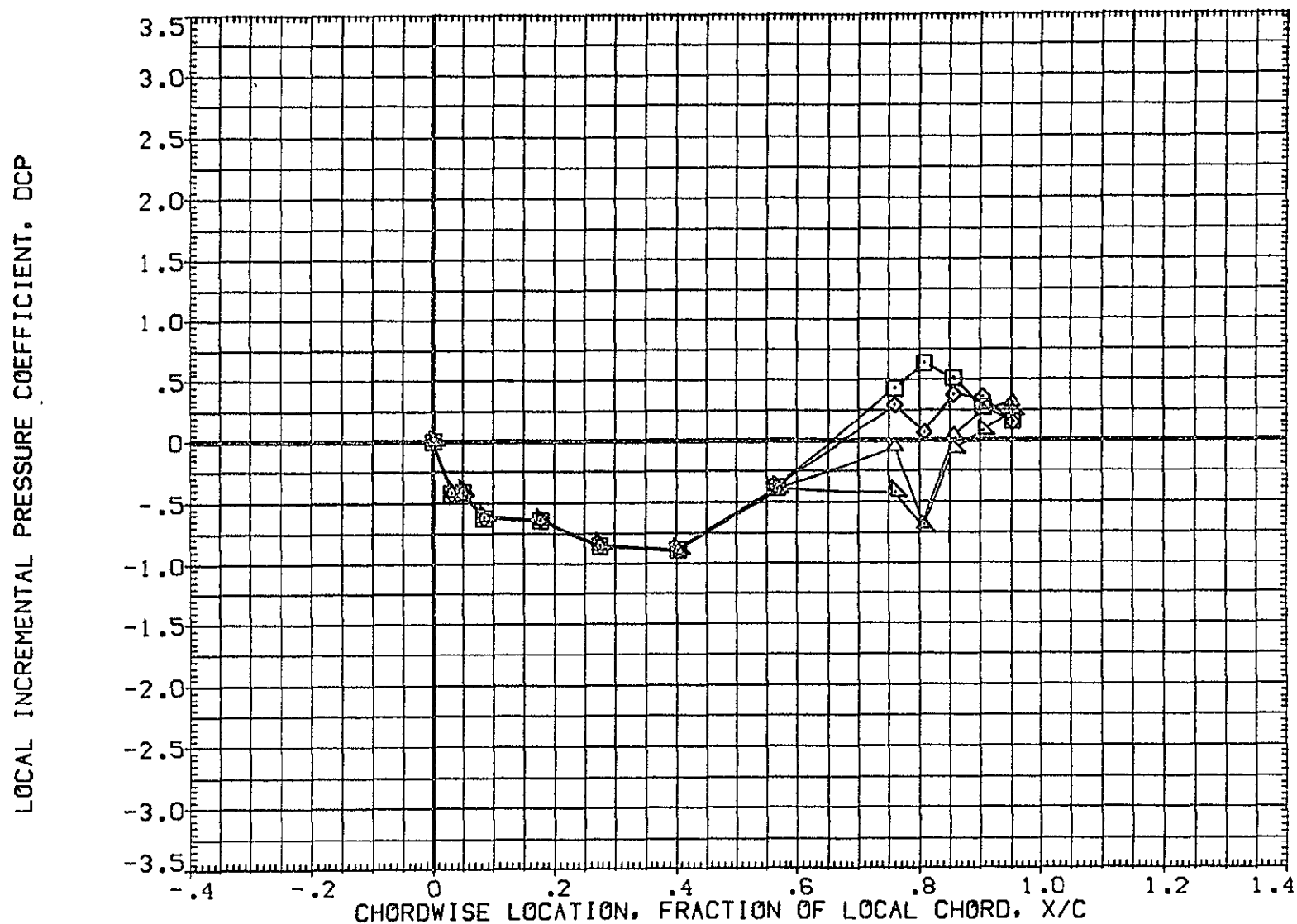


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 6.000 2Y/B = .436 PAGE 787

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE				
[AF7045]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7050]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7055]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7060]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

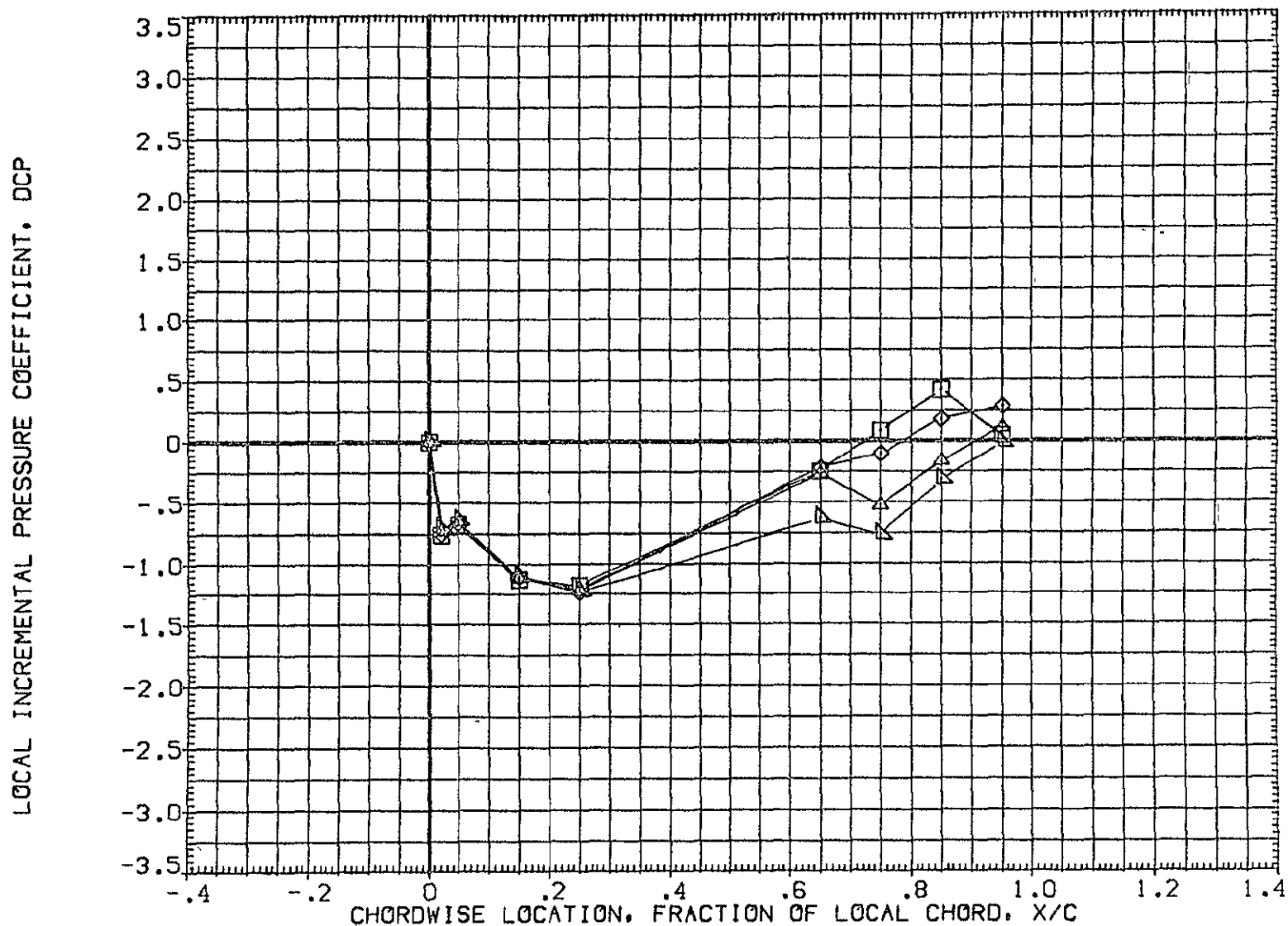


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7046]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

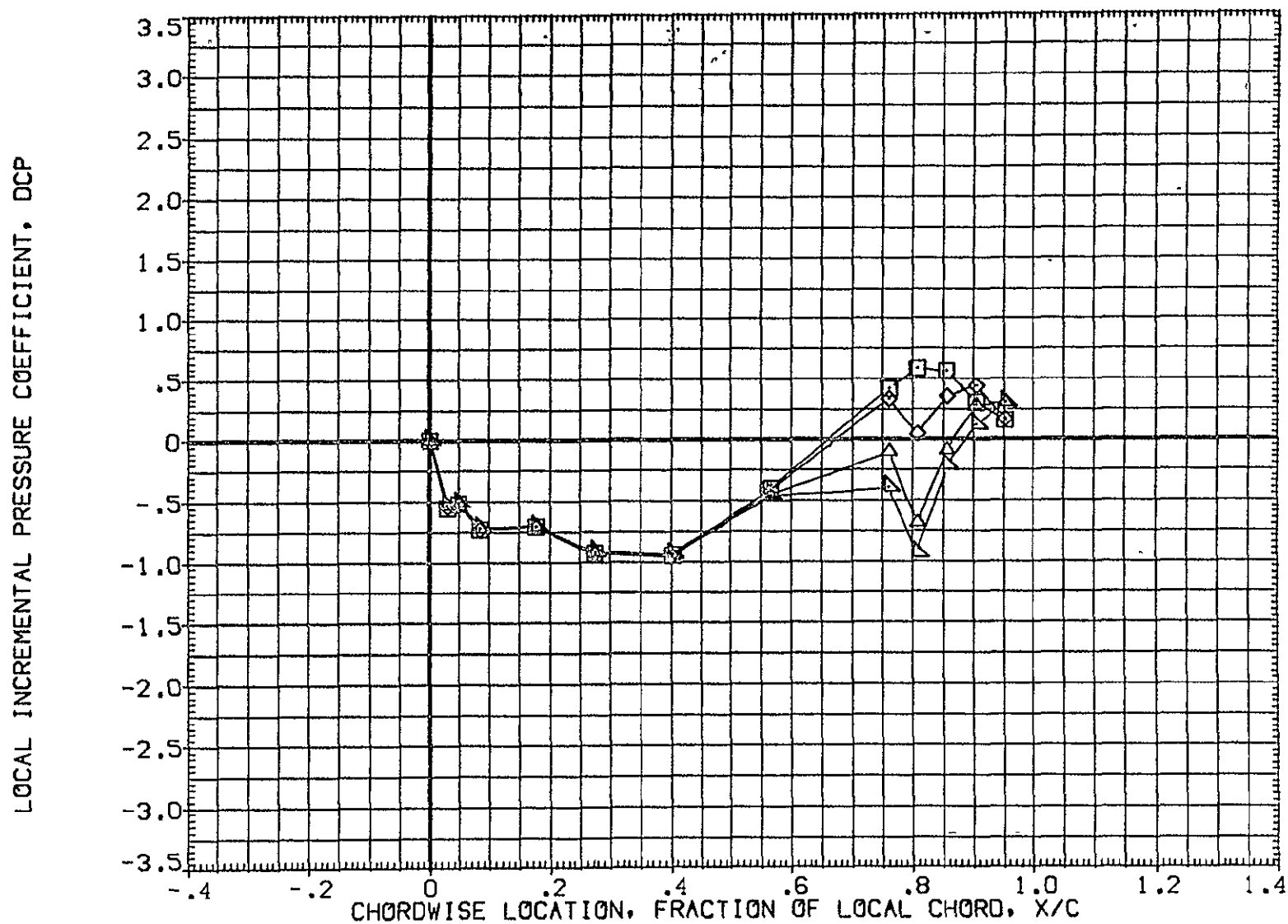


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = .900 ALPHA = 8.000 2Y/B = .436 PAGE 789

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

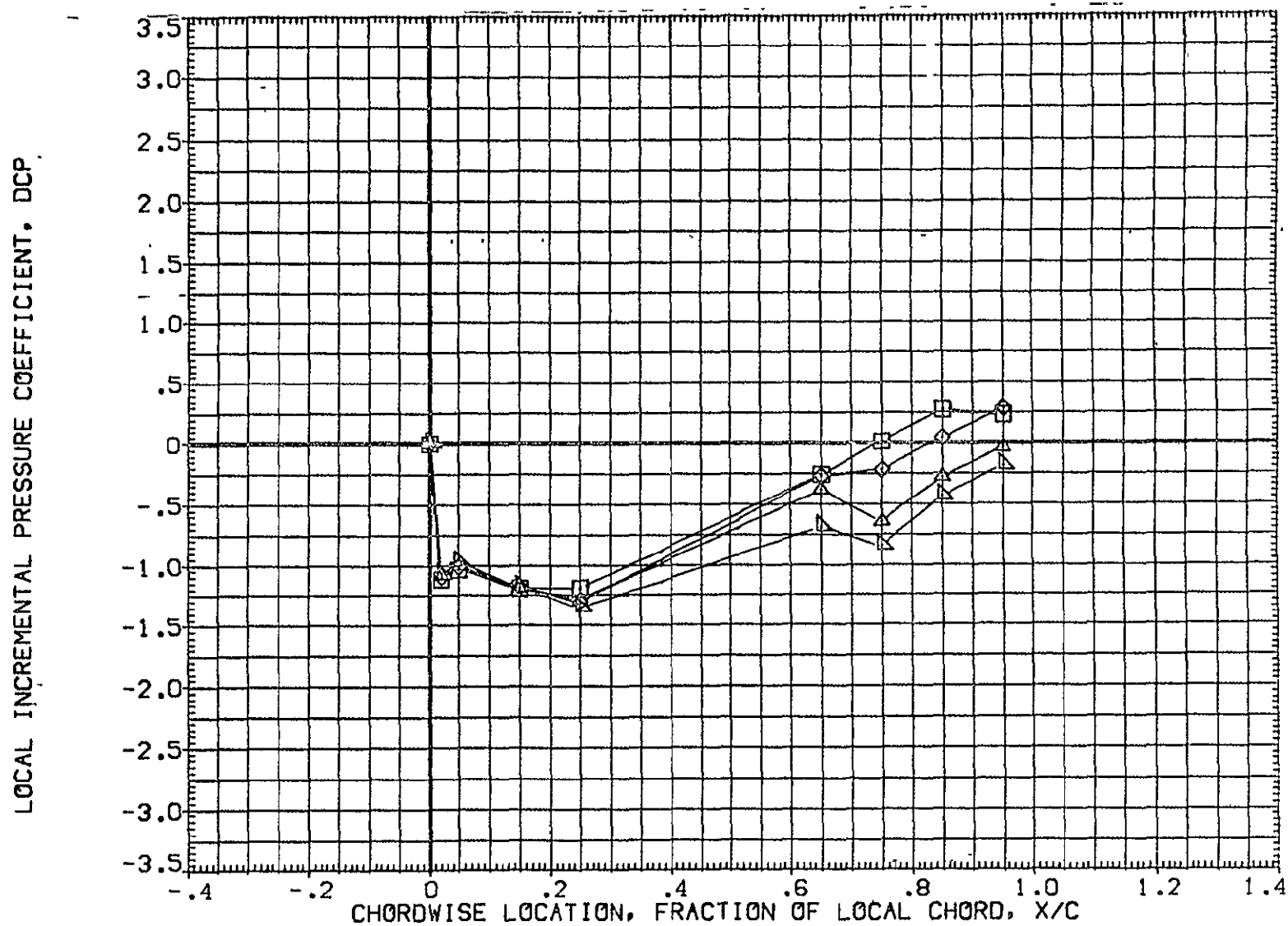


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

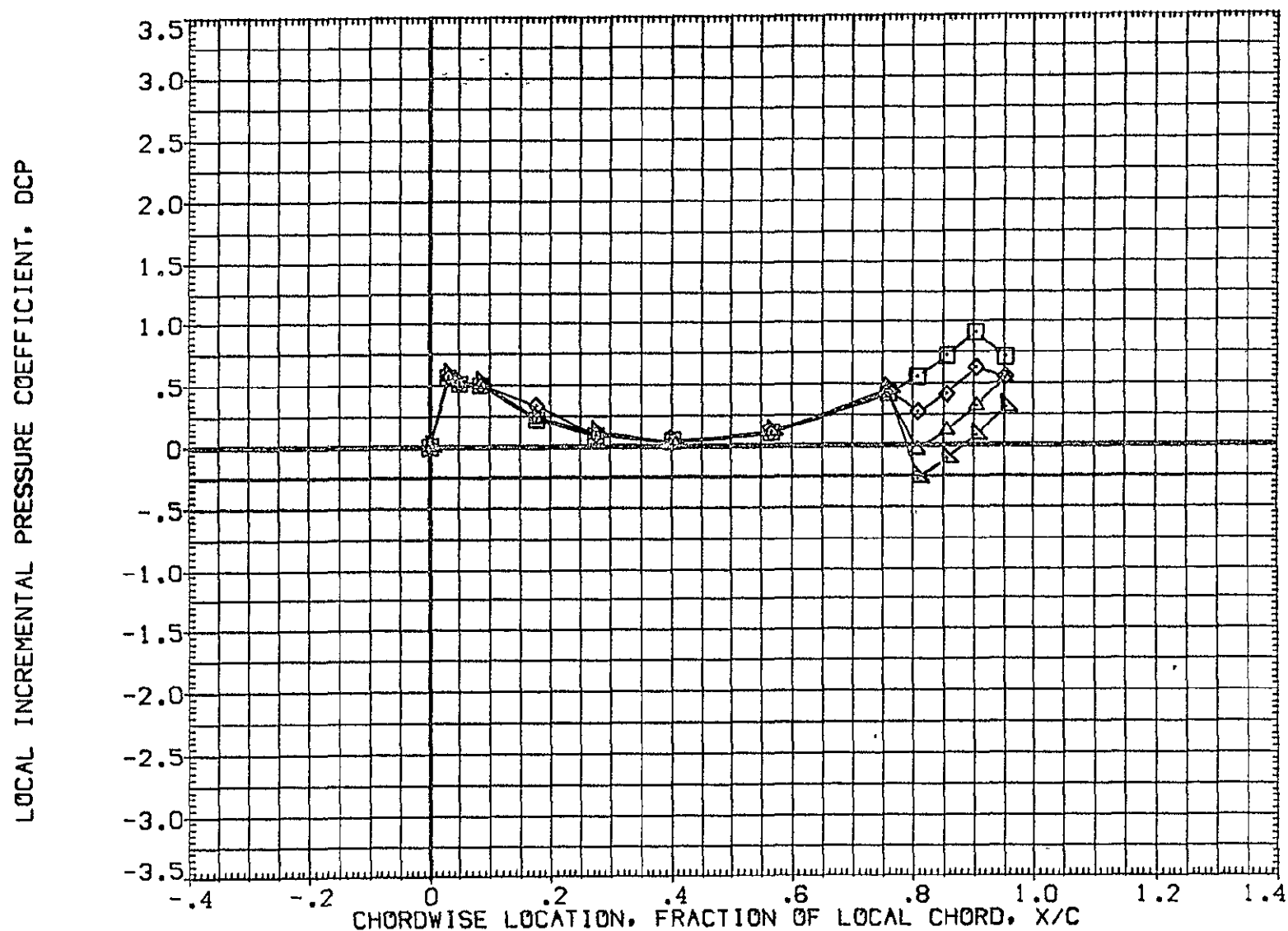


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = 0$   
MACH = 1.120 ALPHA = -8.000  $2Y/B = .436$



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

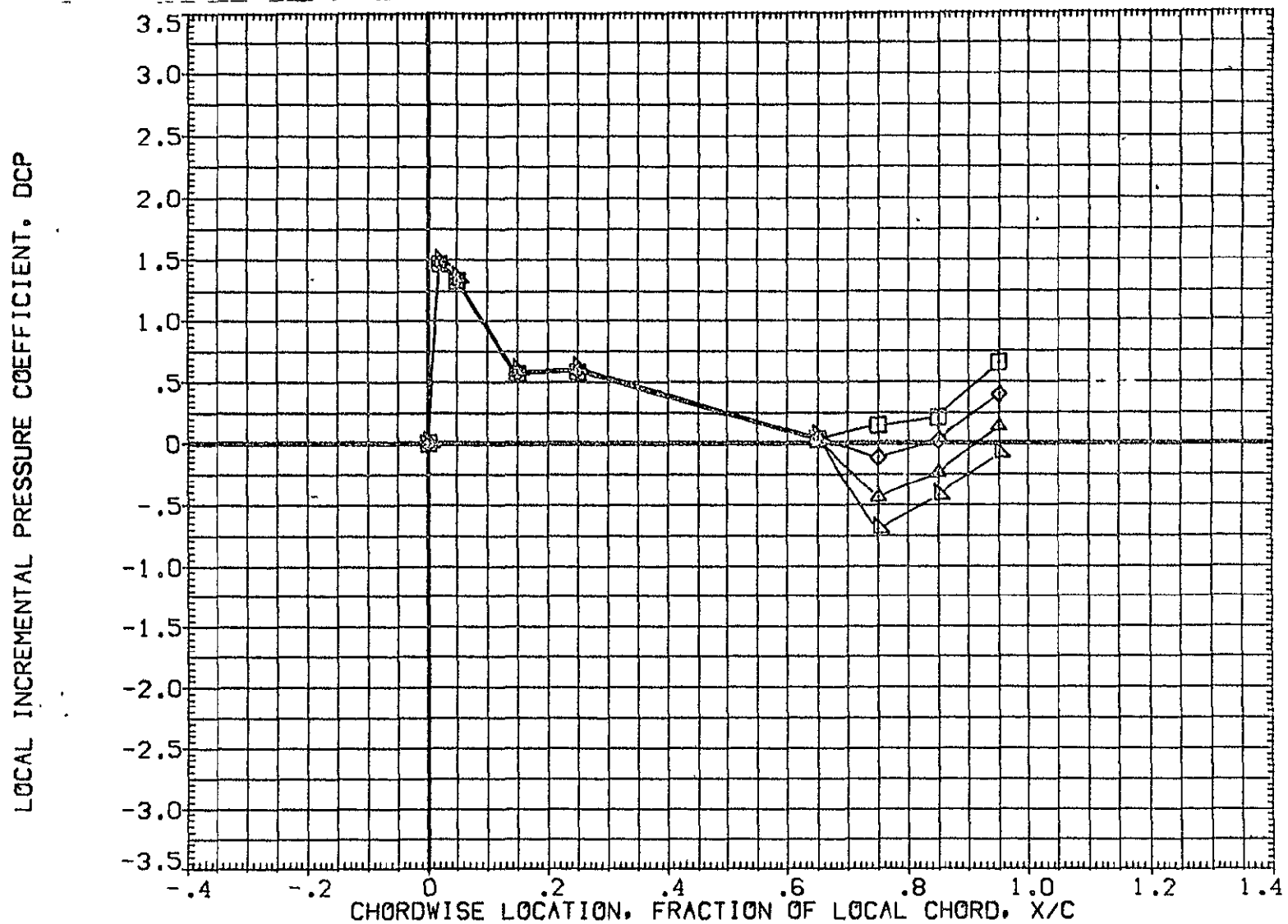


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	JA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	JA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	JA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	JA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

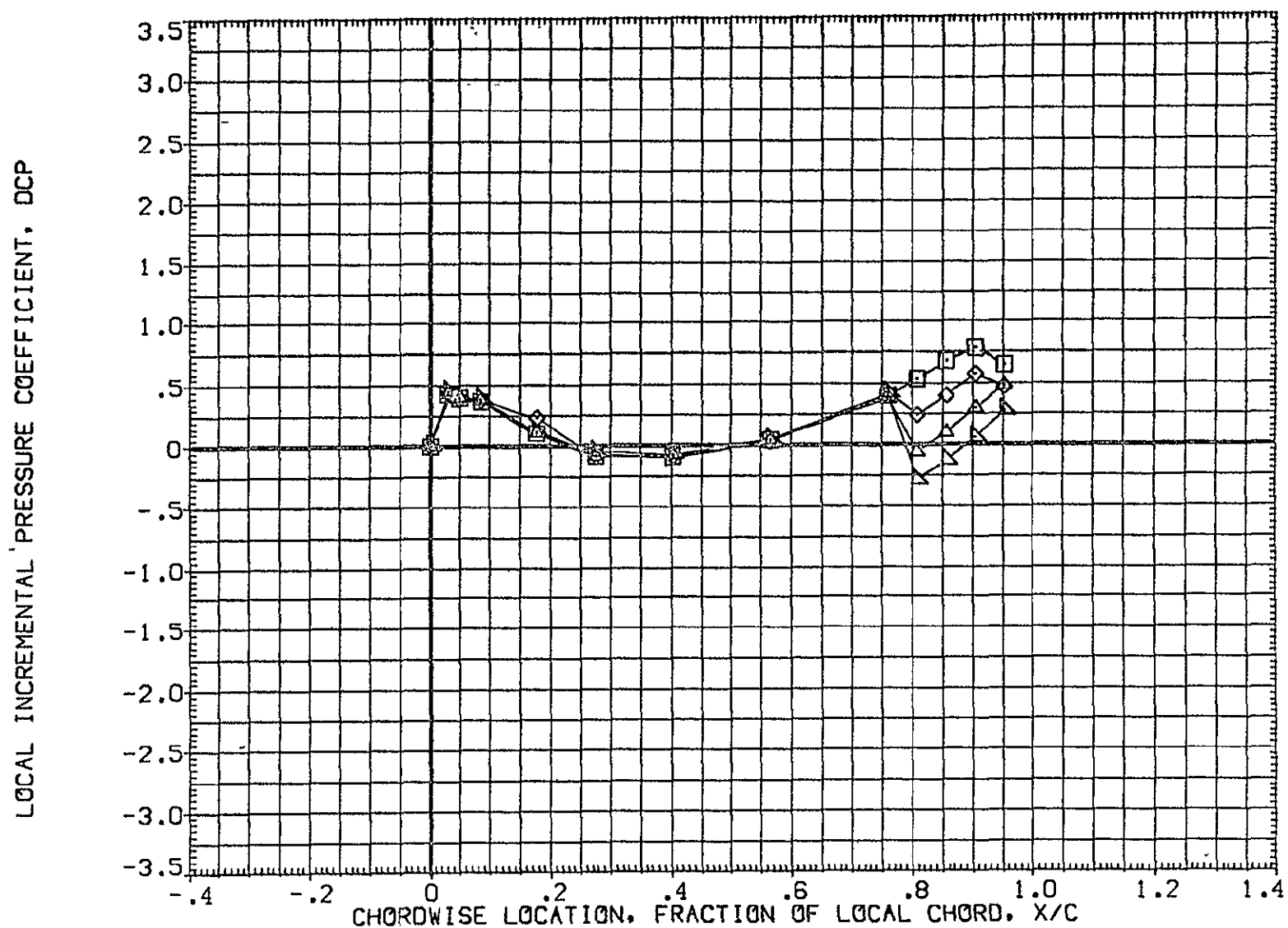


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

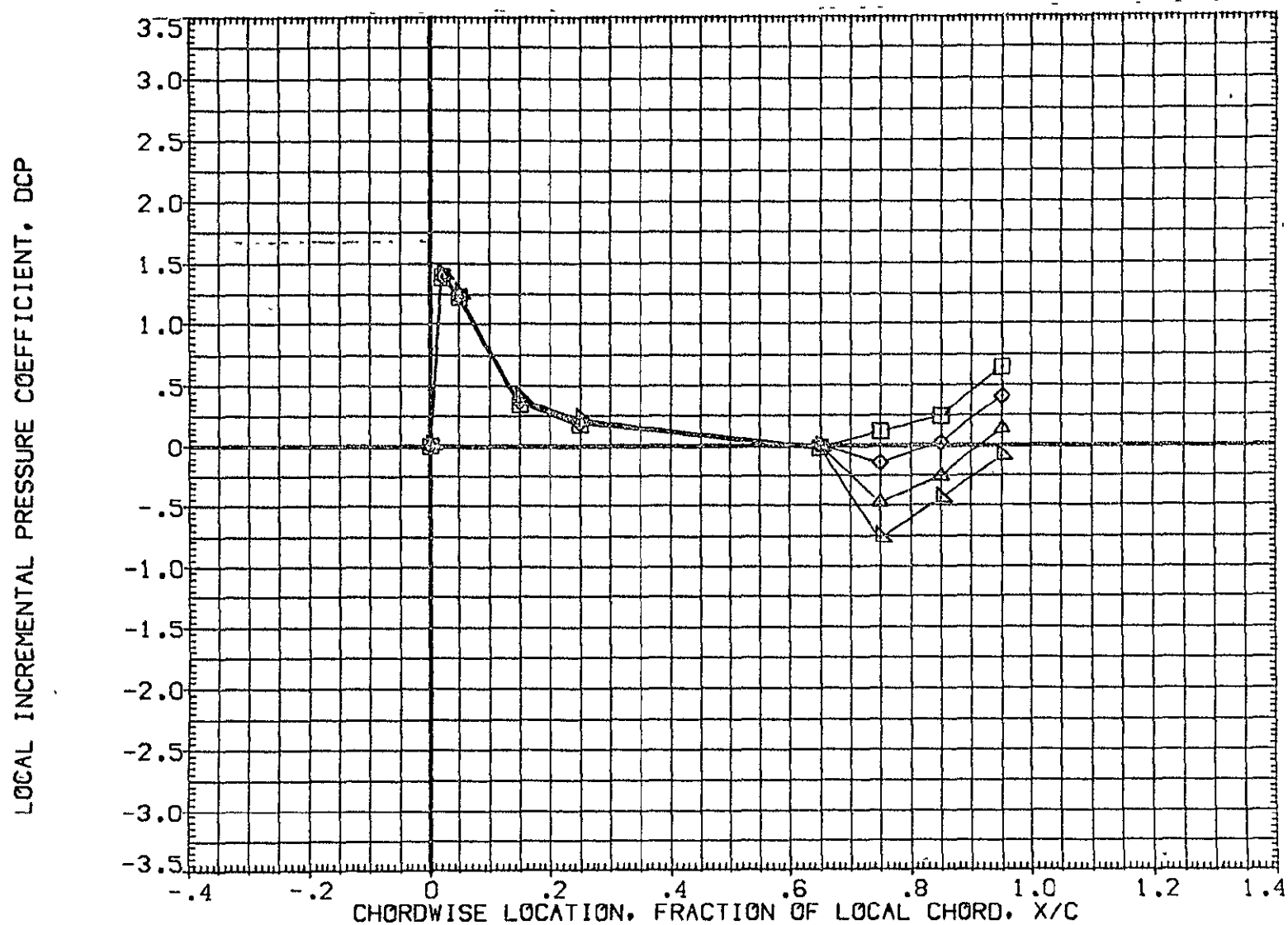


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -6.000  $2Y/B = .771$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	1A70 Q1 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	1A70 Q1 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	1A70 Q1 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	1A70 Q1 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

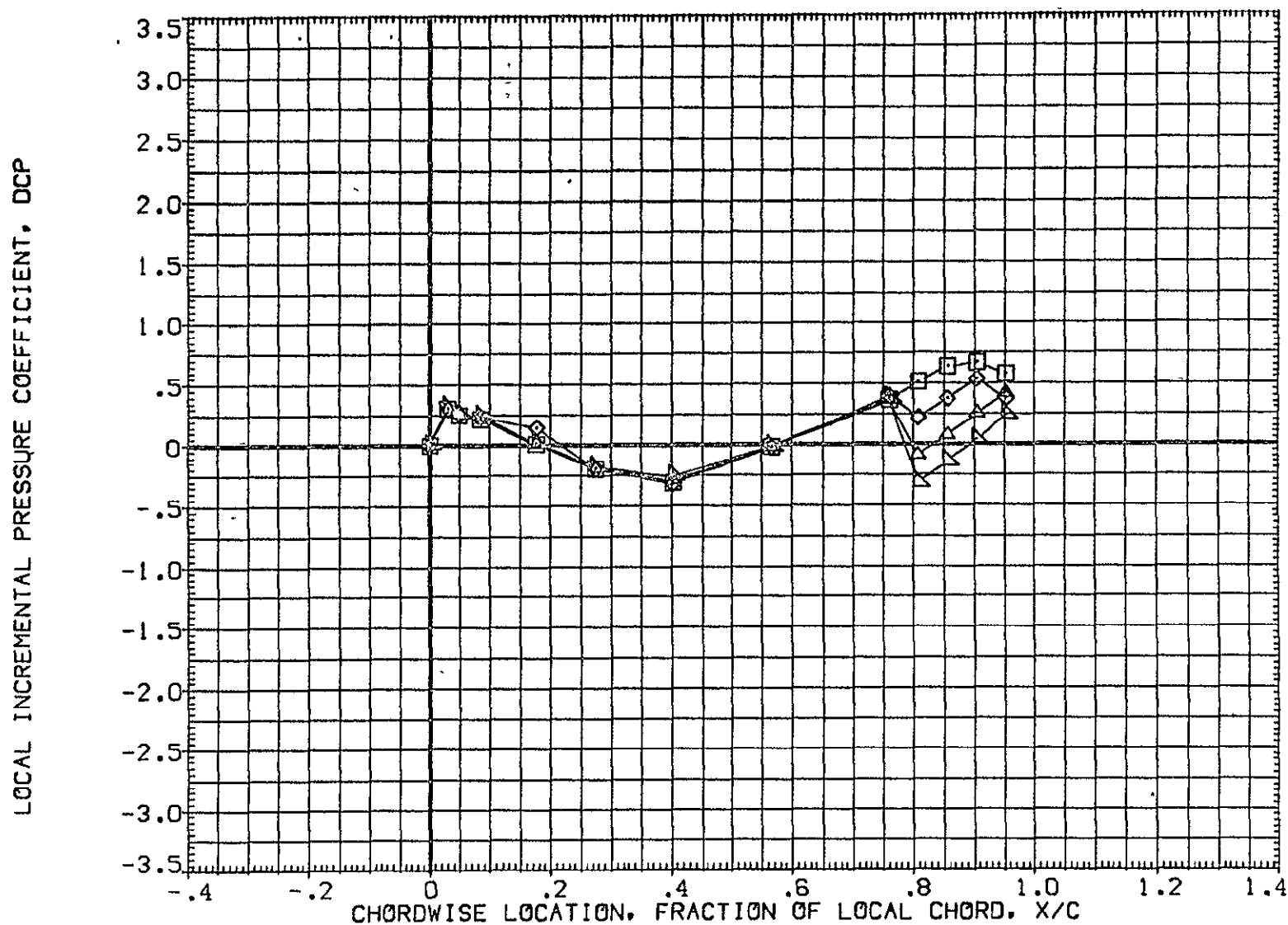


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -4.000 2Y/B = .436 PAGE 795

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

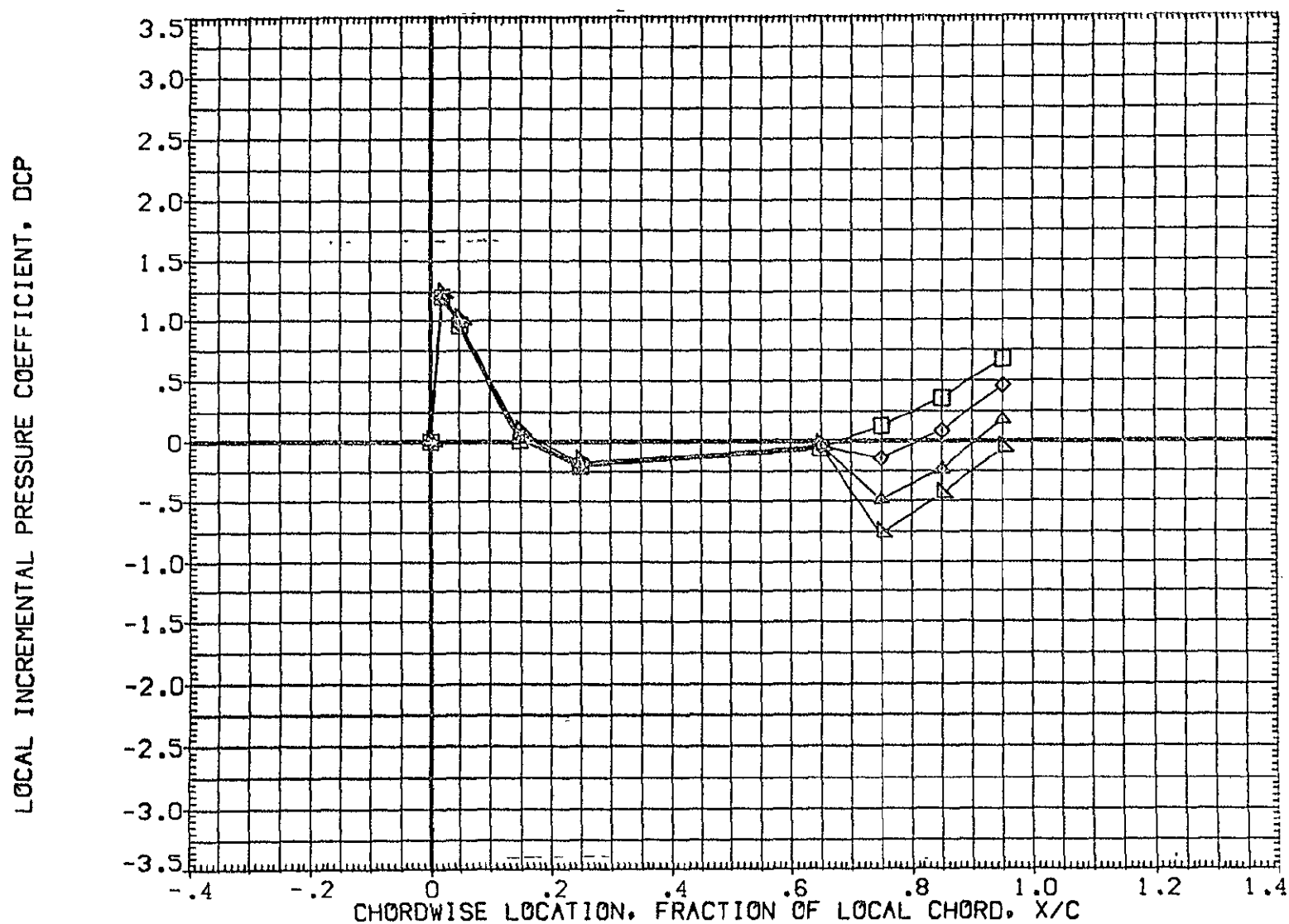


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

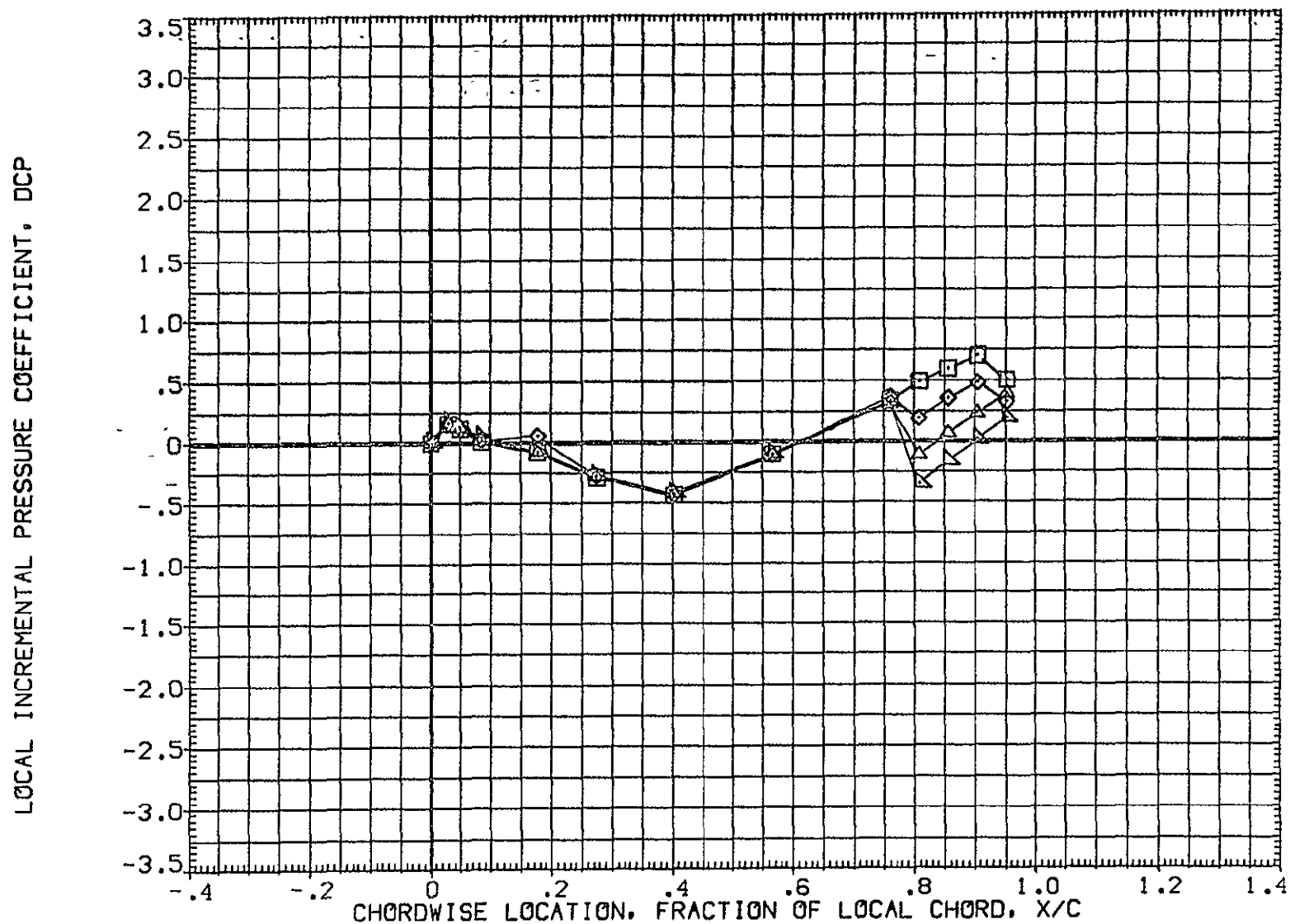


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -2.000 2Y/B = .436 PAGE 797

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

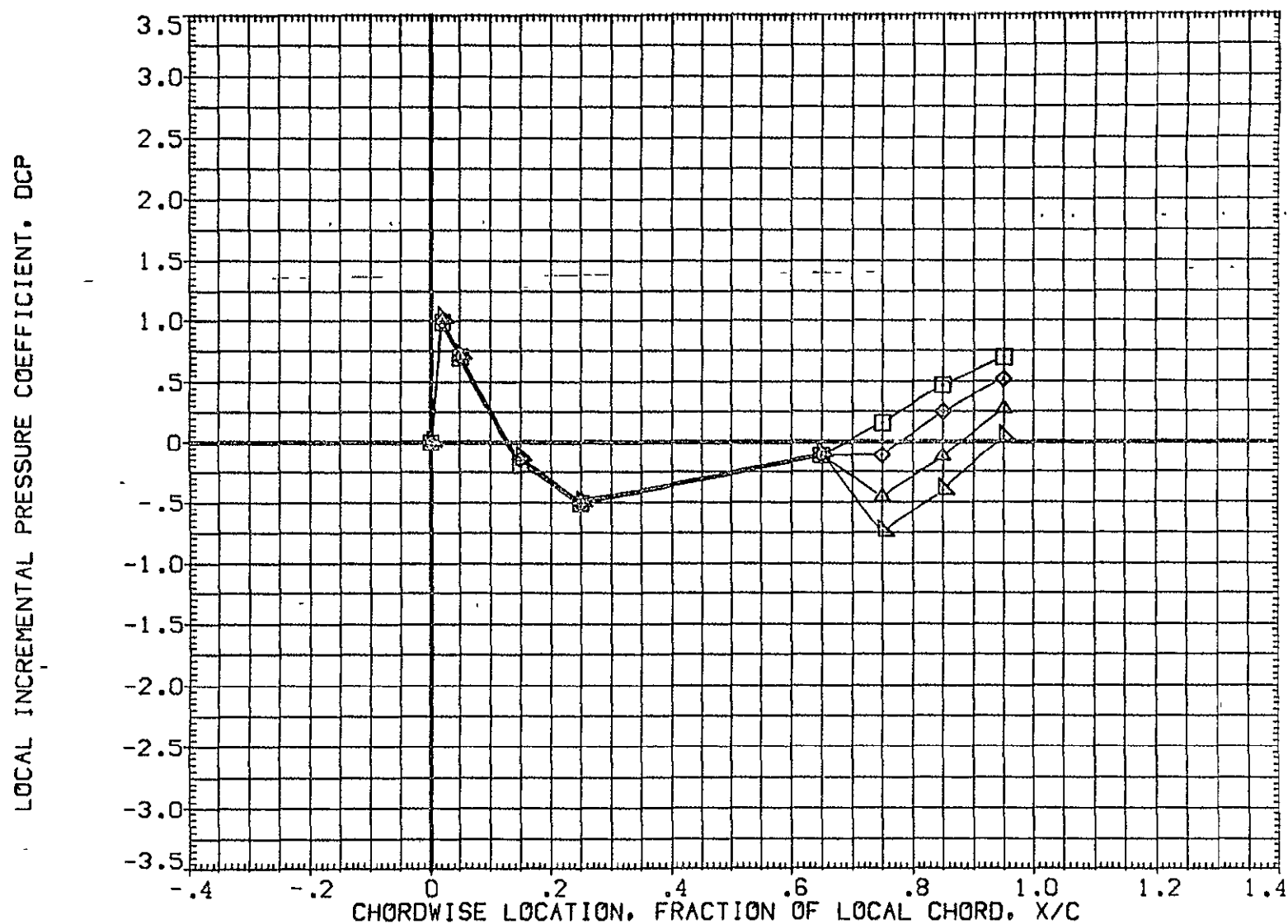


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = -2.000 2Y/B = .771 PAGE 798

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

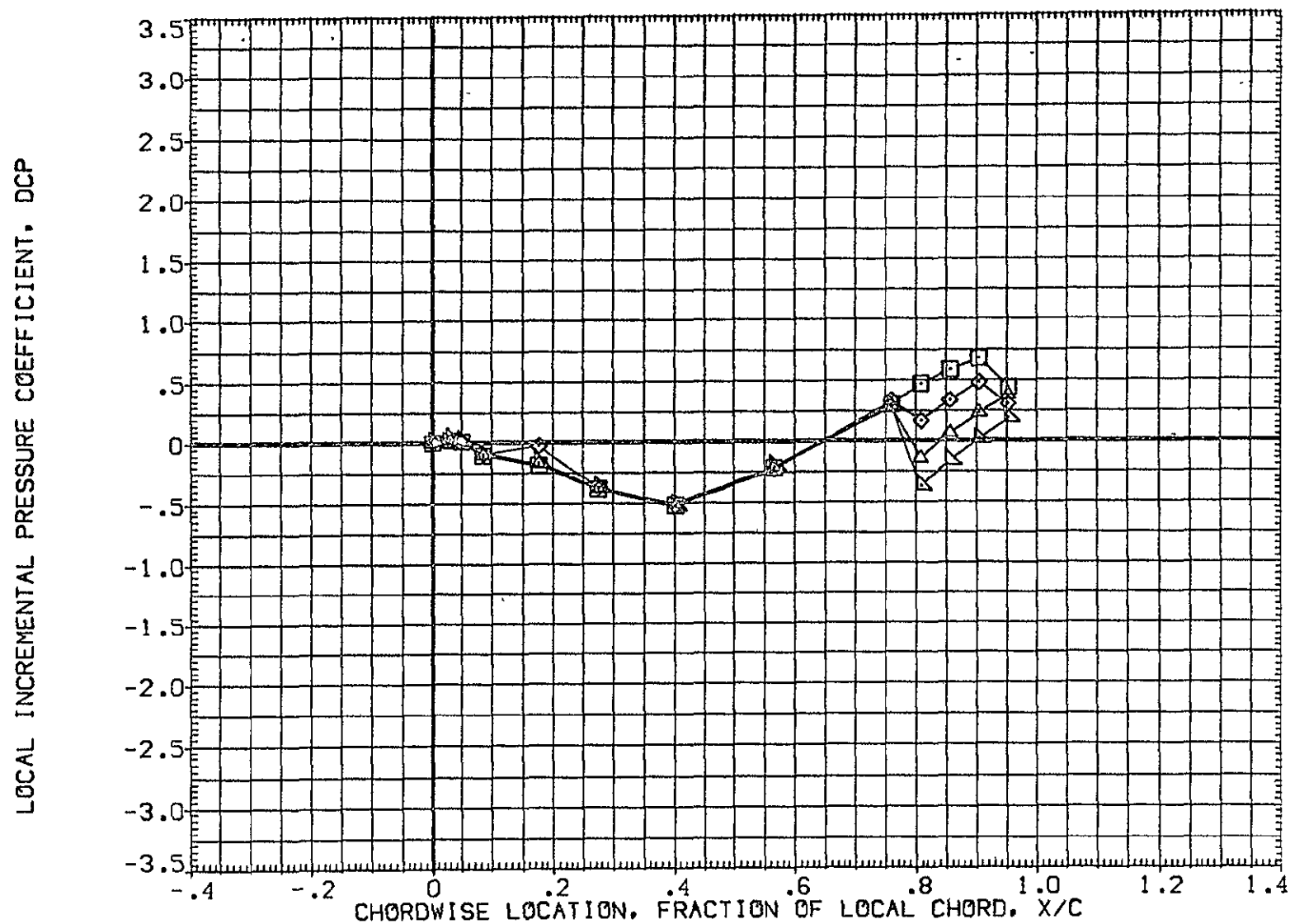


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = .000 2Y/B = .436 PAGE 799



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

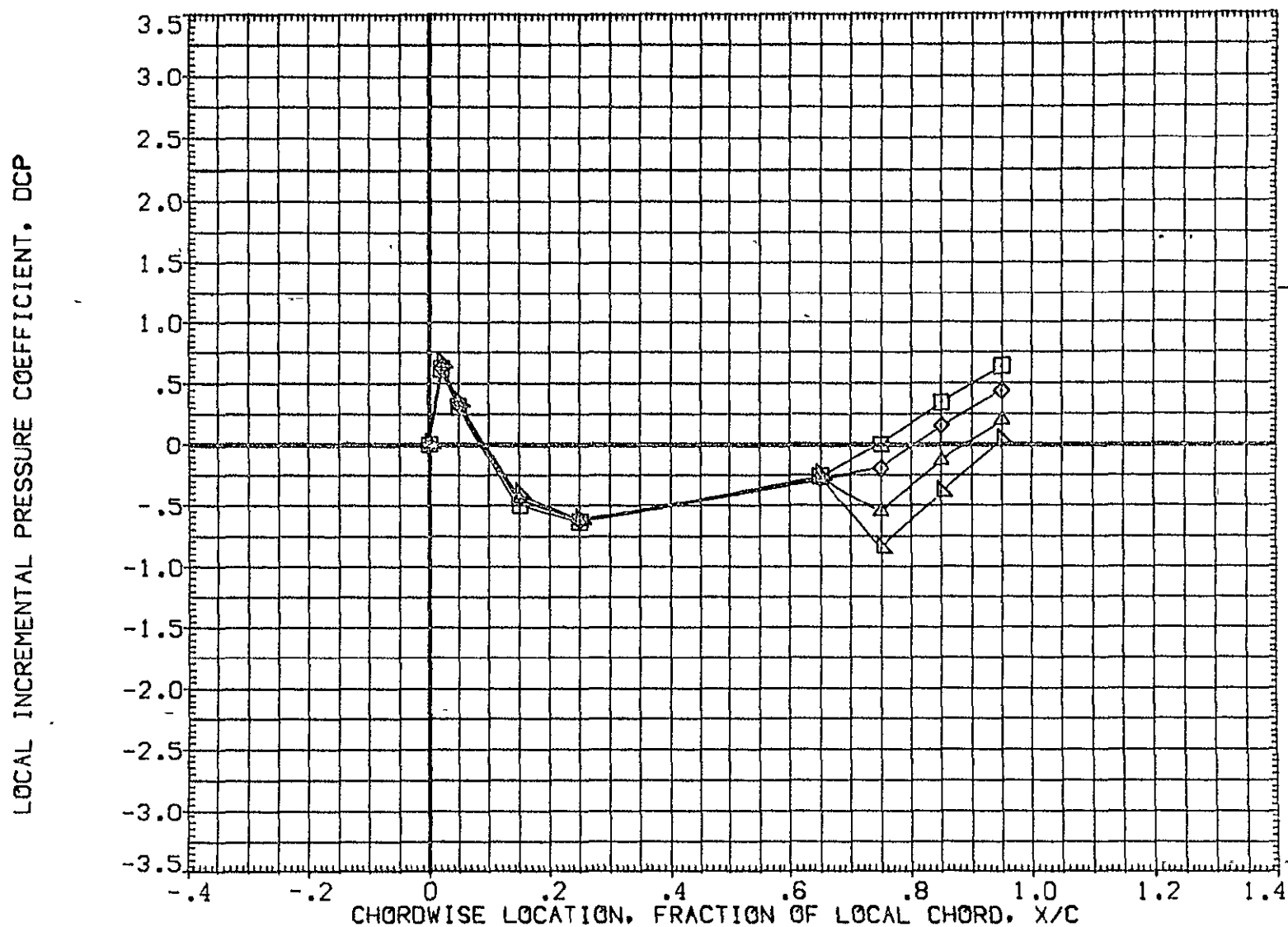


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = .000 2Y/B = .771 PAGE 800

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

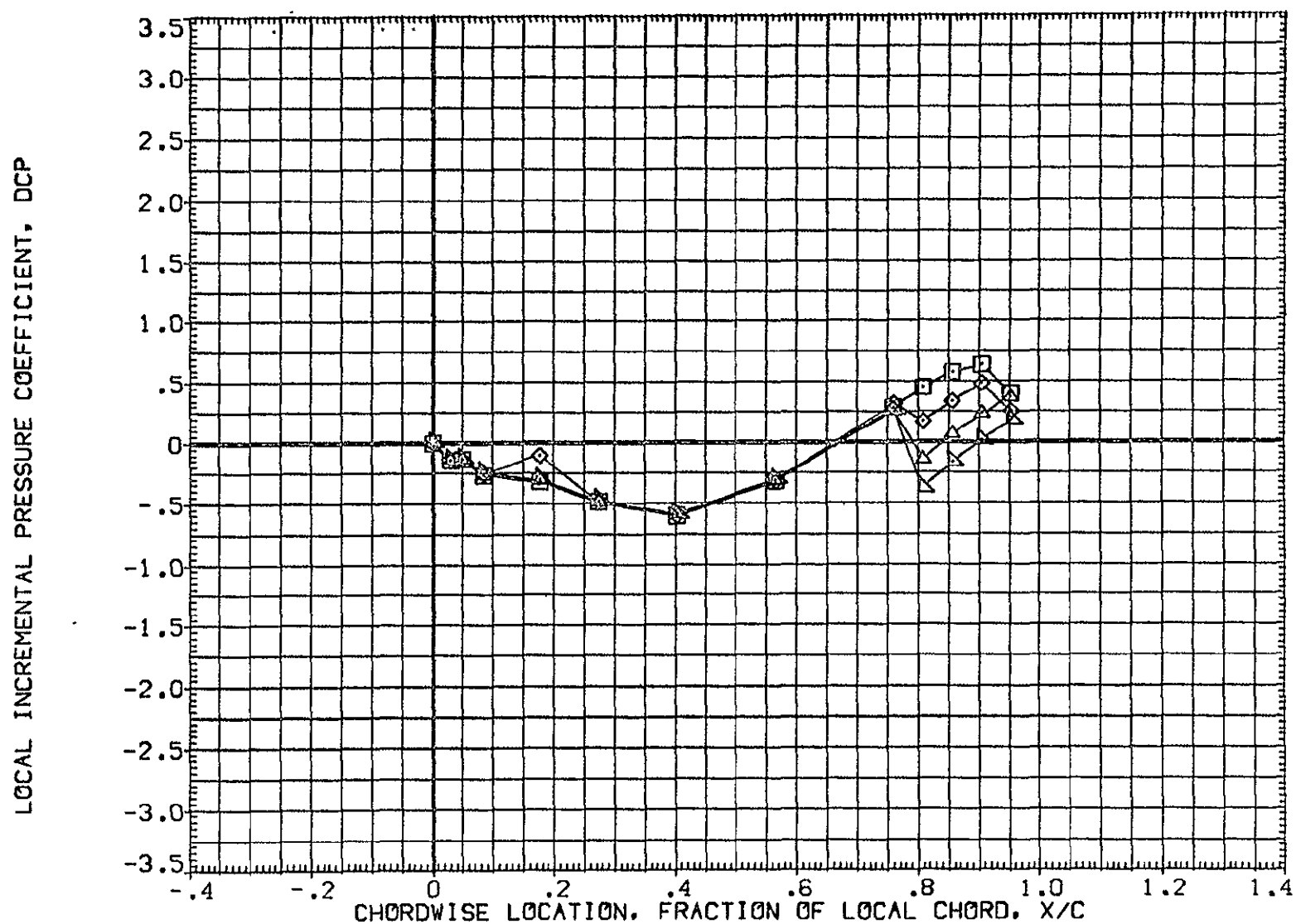


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 2.000 2Y/B = .436 PAGE 801

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

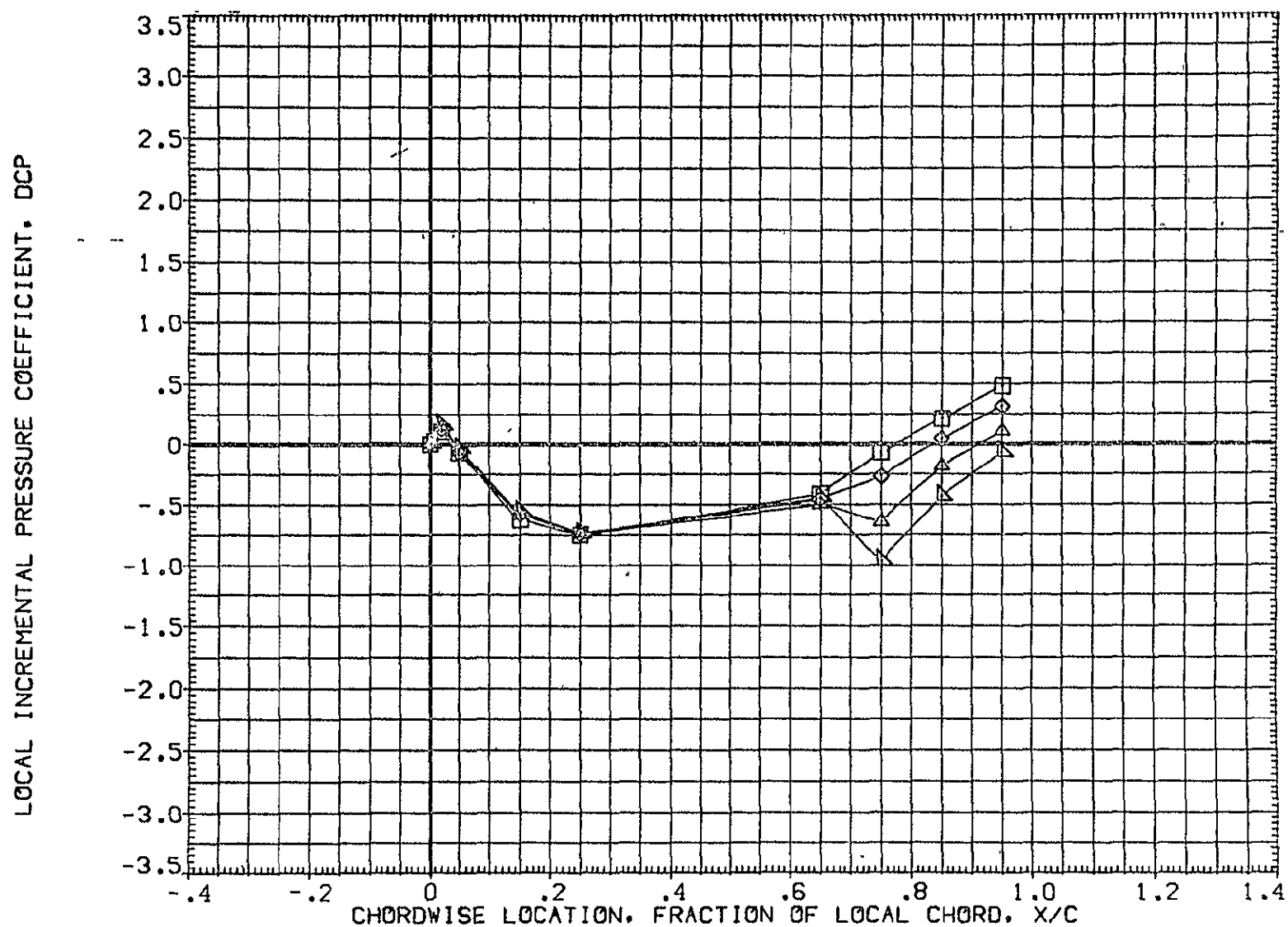


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 2.000 2Y/B = .771 PAGE 802

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7054)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

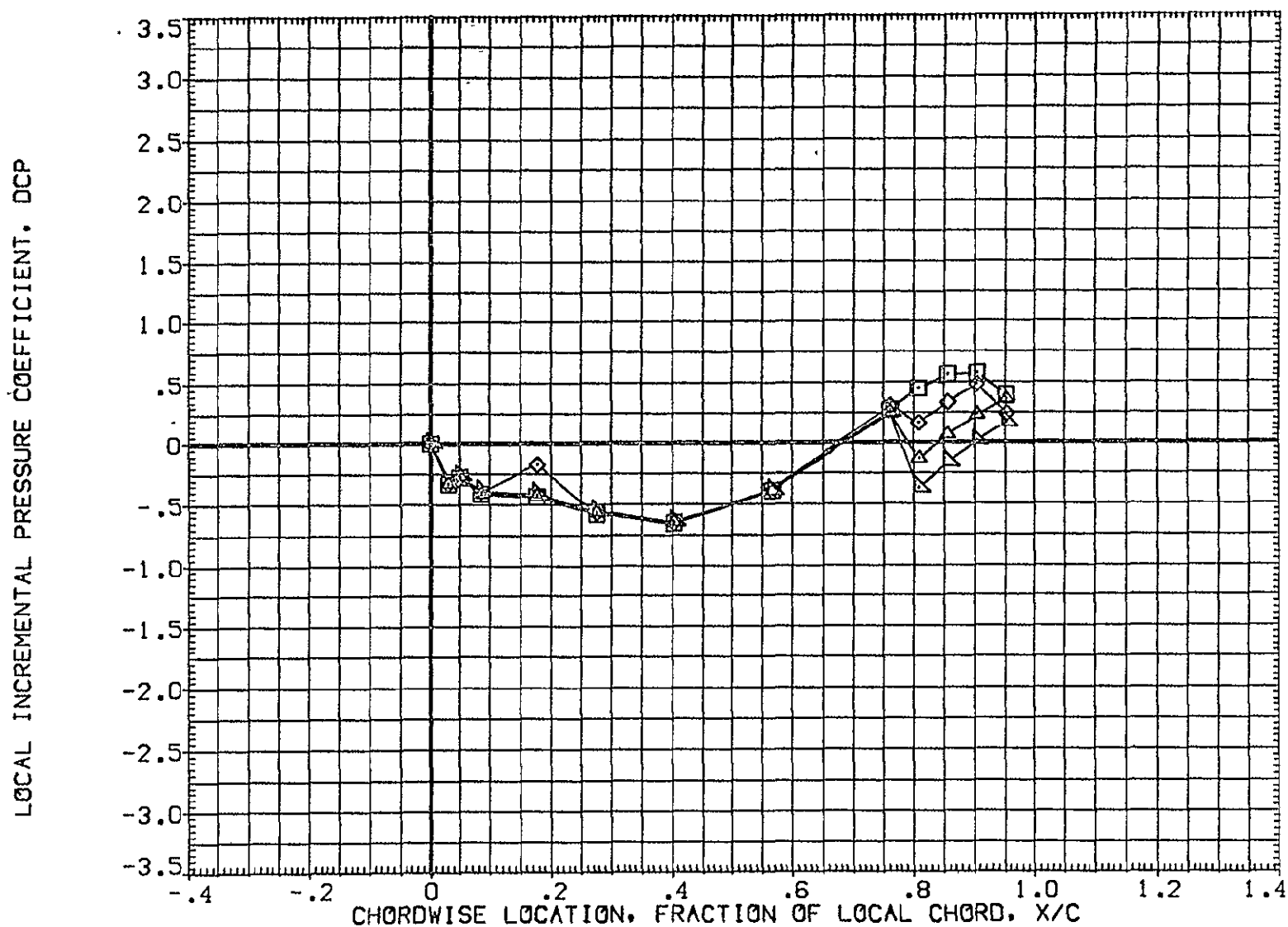


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

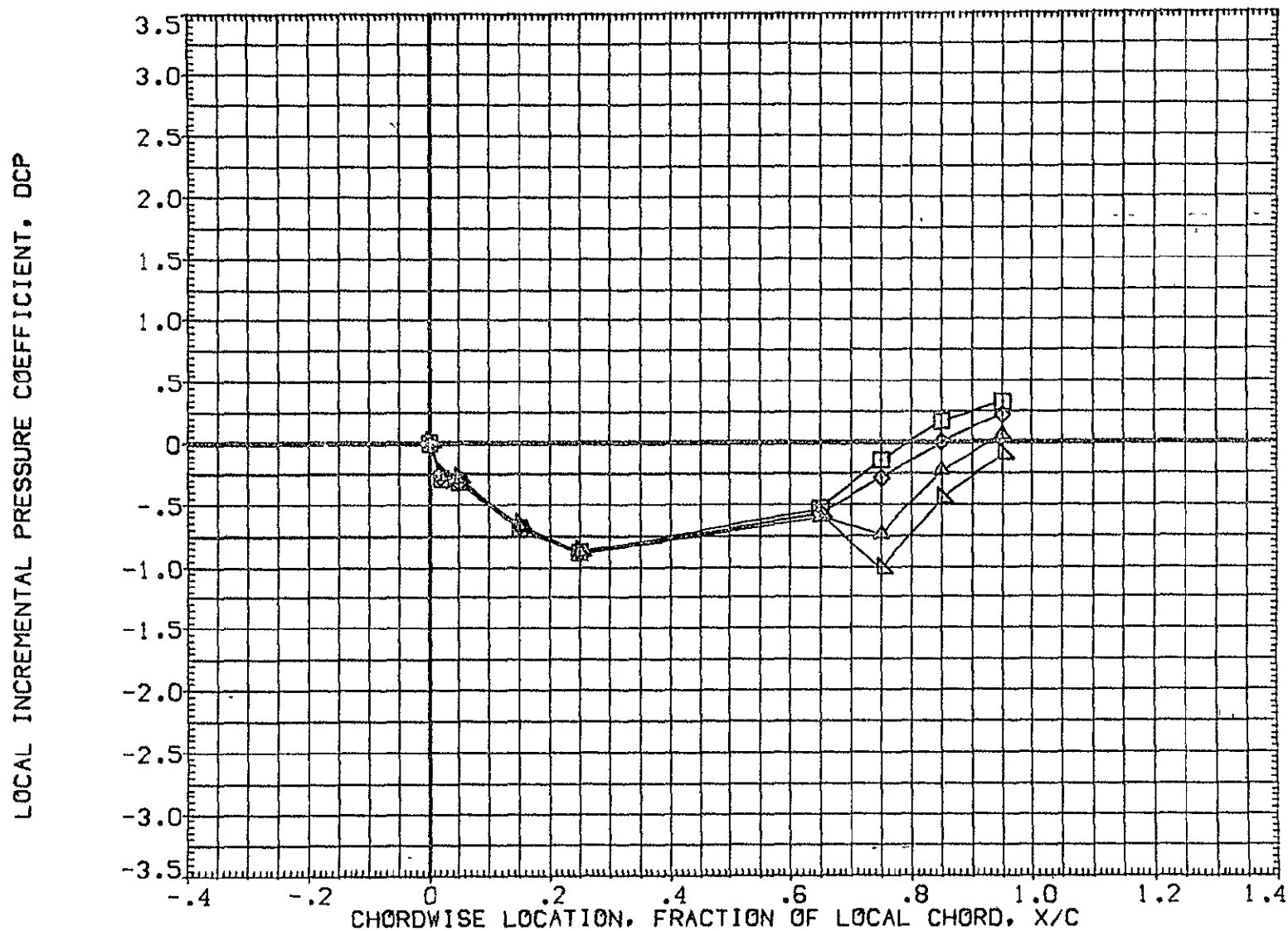


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[ AF7064 ]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[ AF7045 ]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[ AF7050 ]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[ AF7055 ]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[ AF7060 ]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

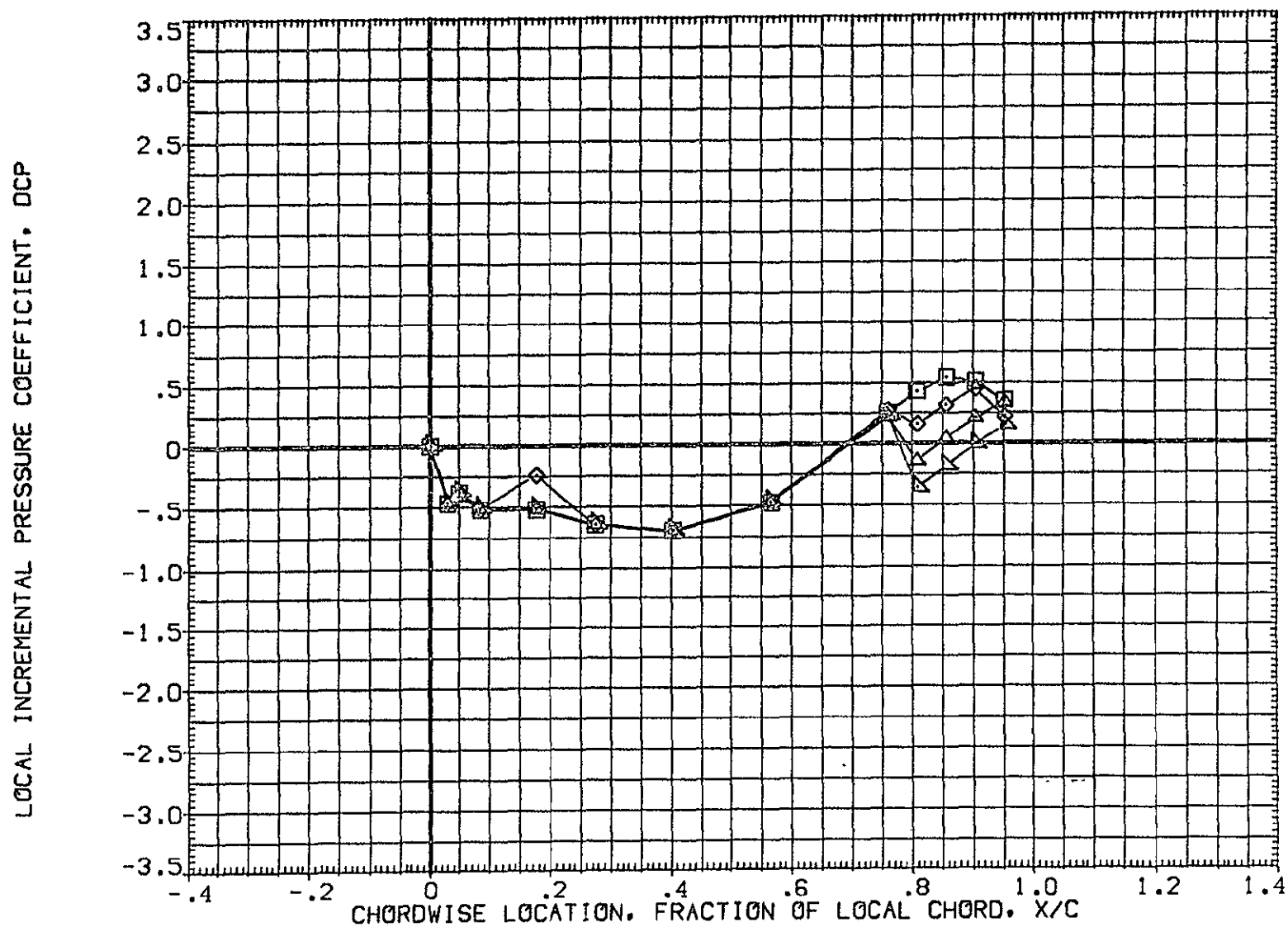


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 6.000 2Y/B = .436 PAGE 805

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

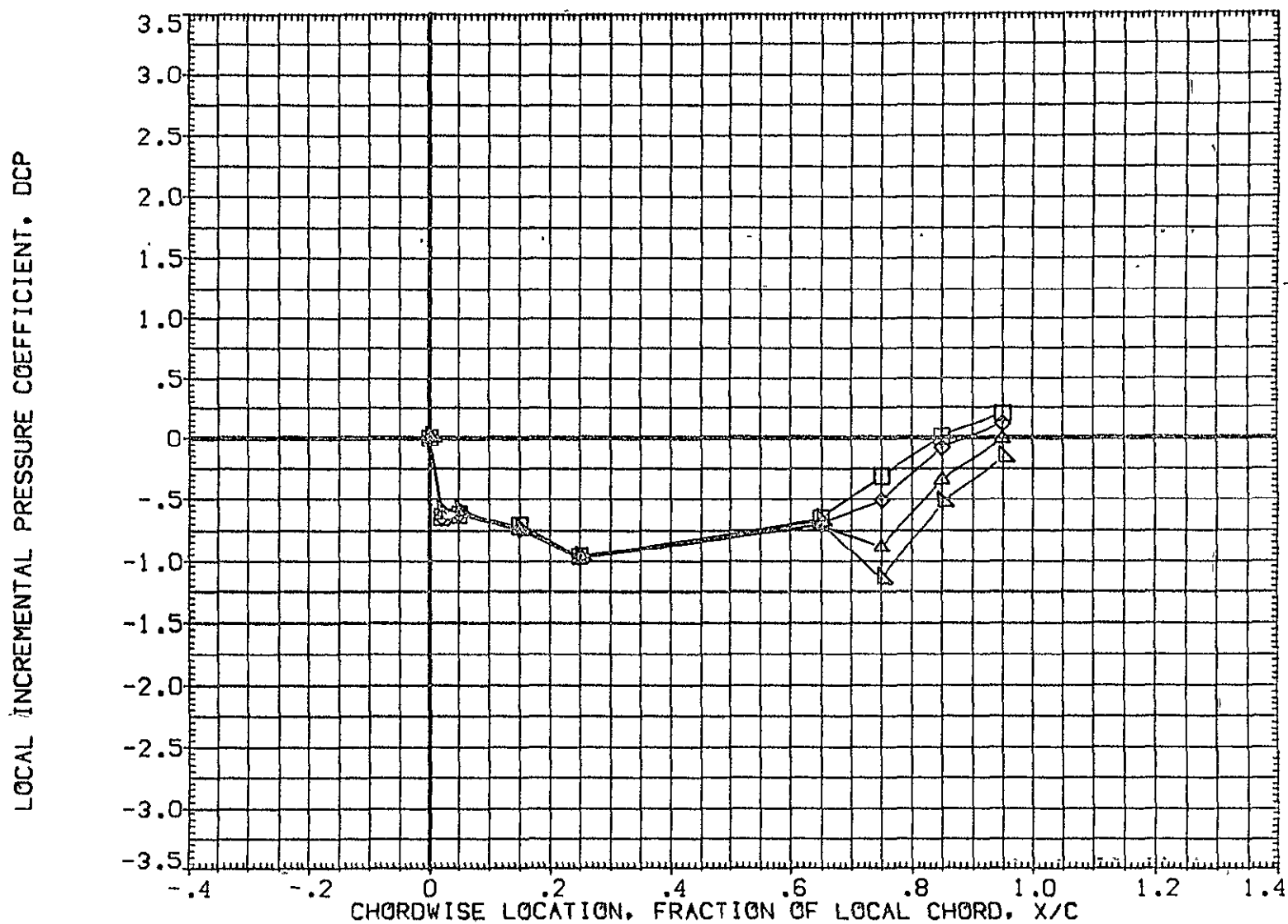


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

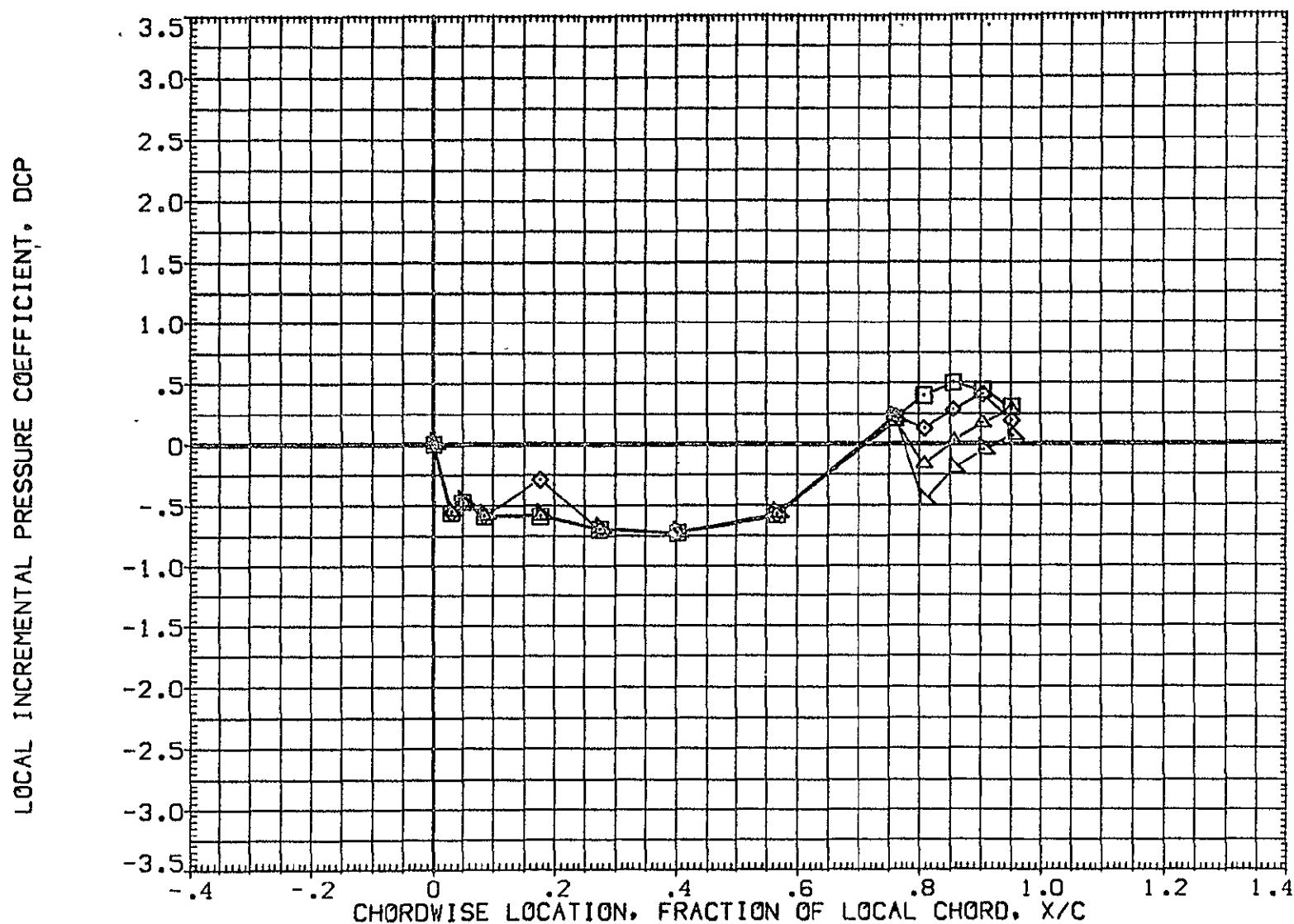


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.120 ALPHA = 8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

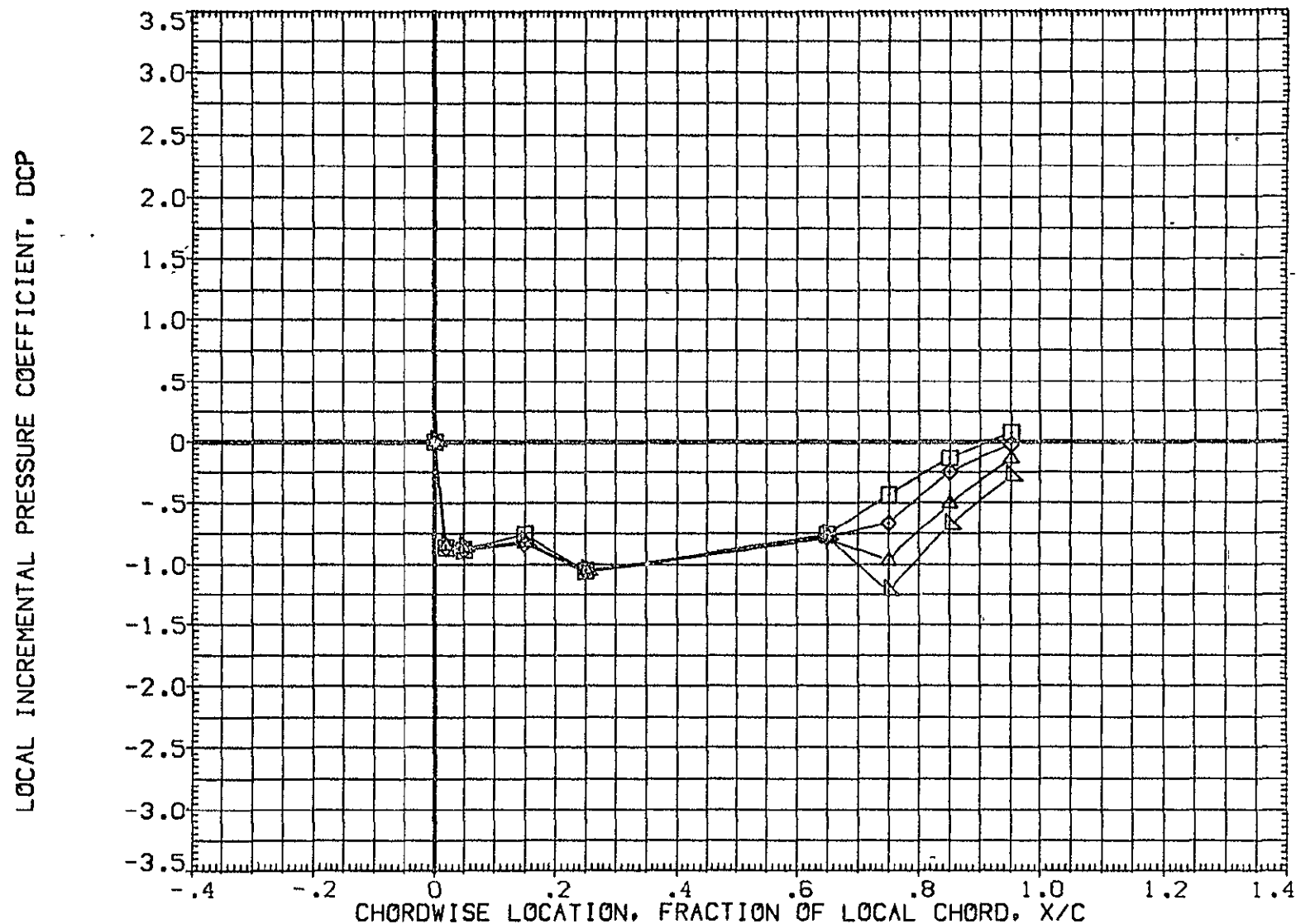


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.120 ALPHA = 8.000 2Y/B = .771 PAGE 808

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

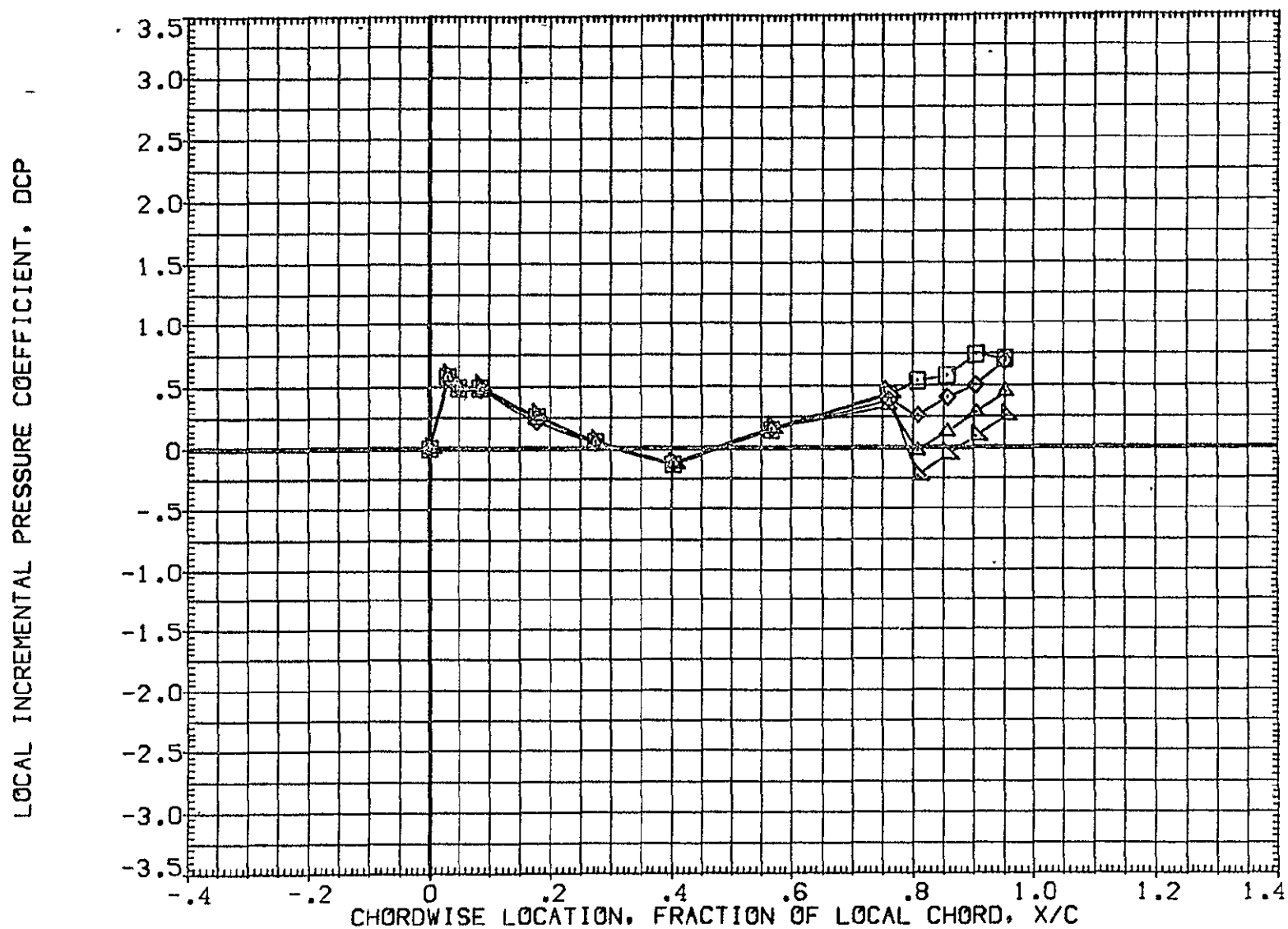


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

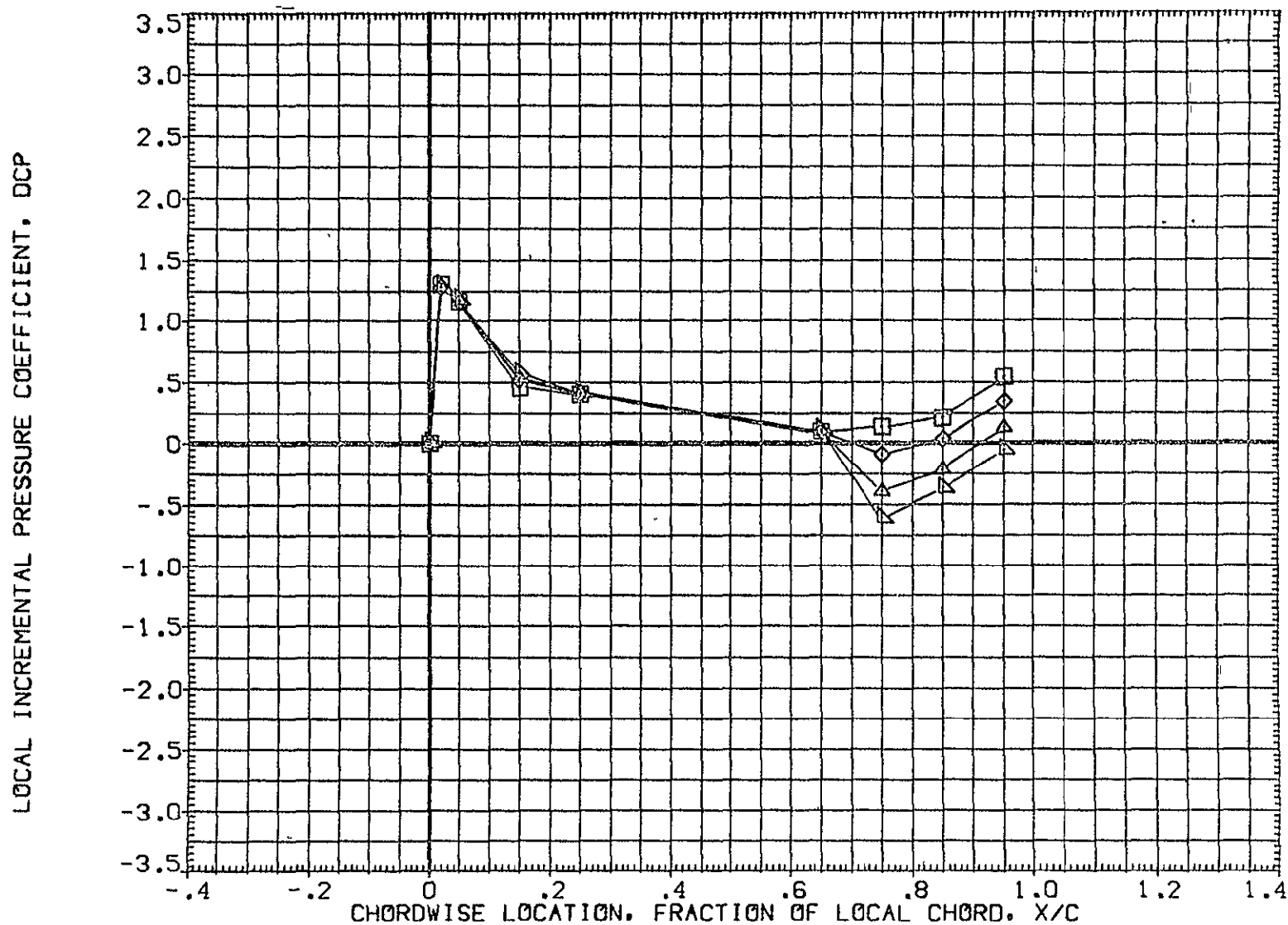


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -8.000 2Y/B = .771 PAGE 810

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

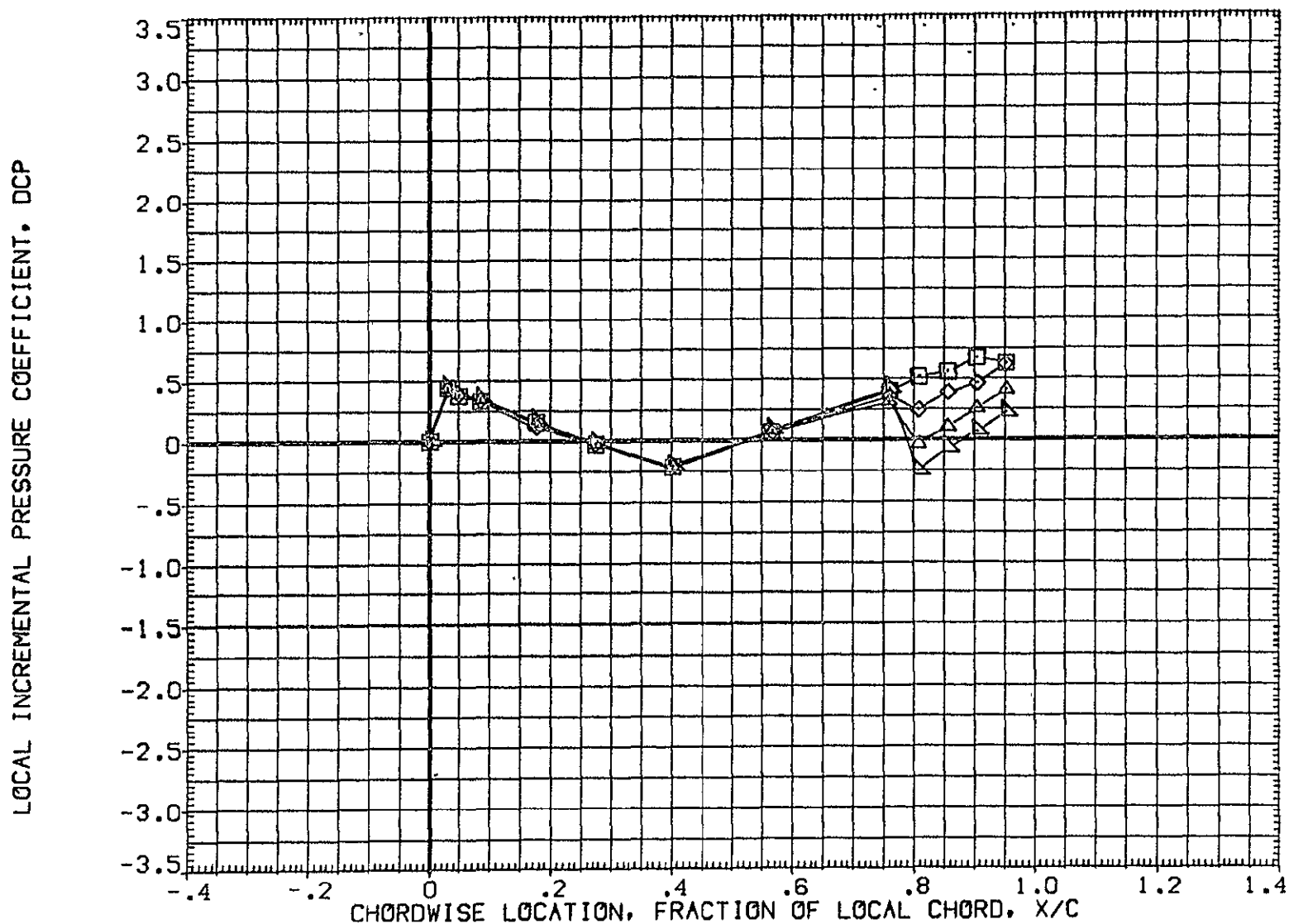


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 811

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

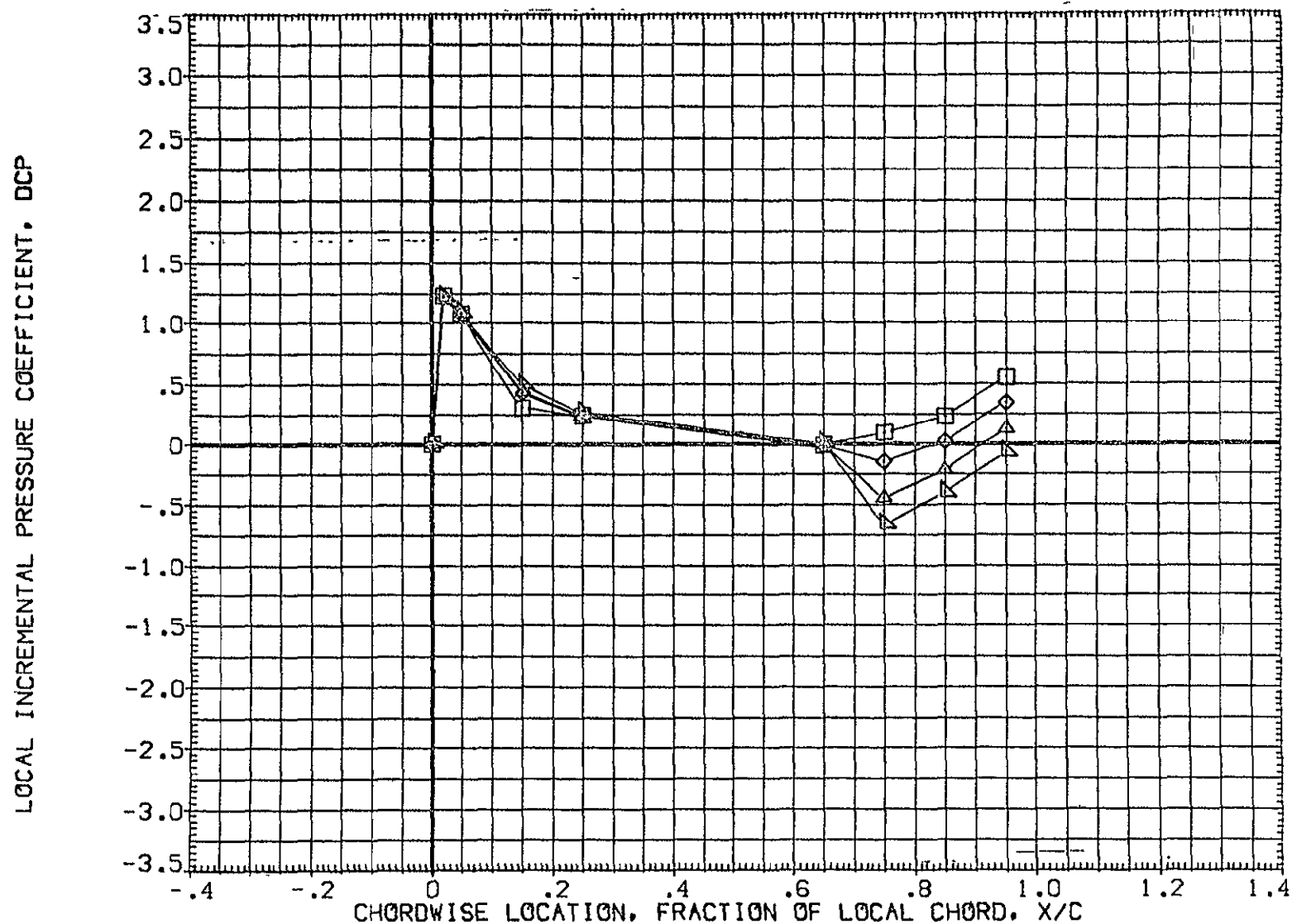


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF70S4]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

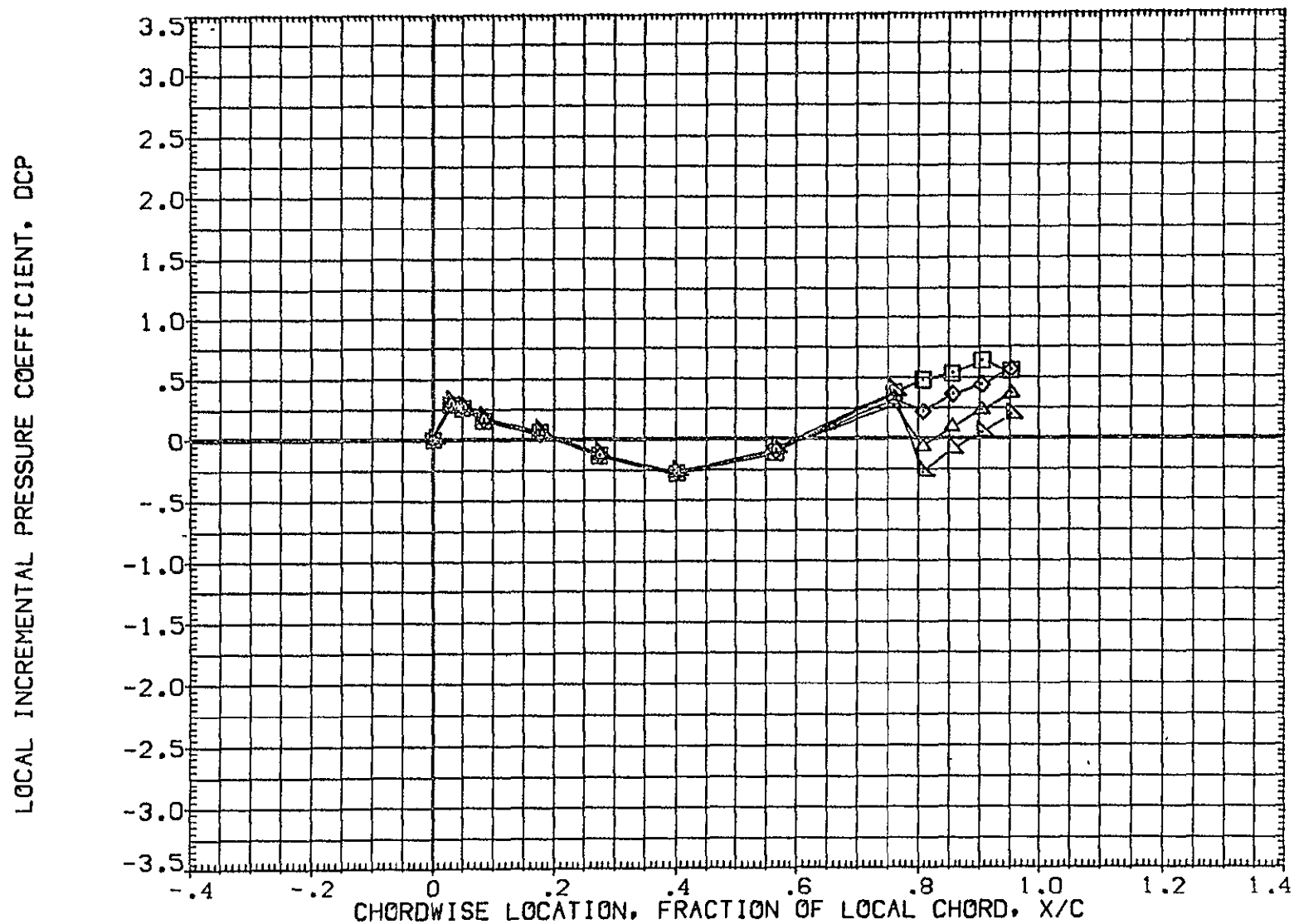


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 813

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

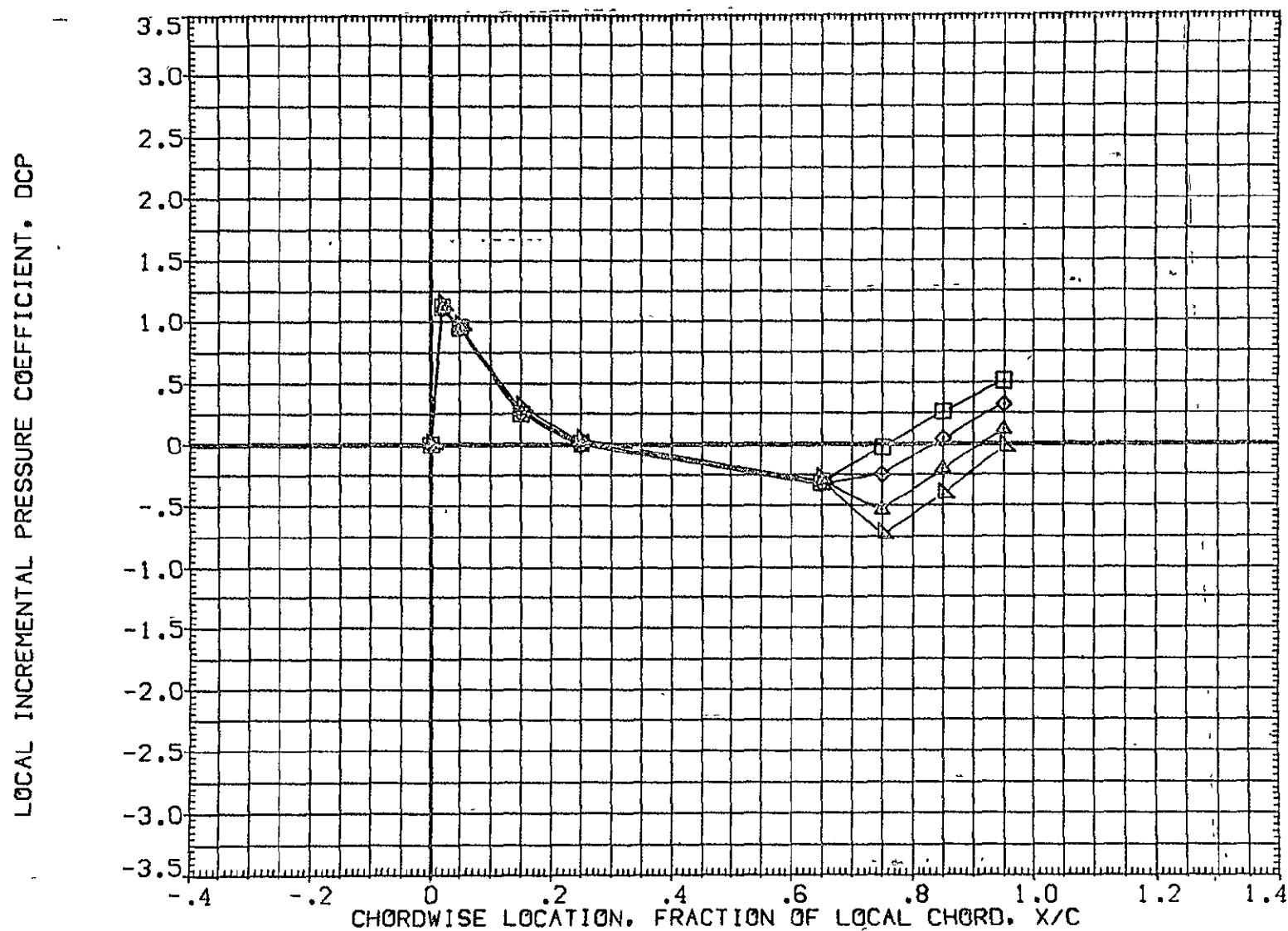


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 814

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

LOCAL INCREMENTAL PRESSURE COEFFICIENT, DCP

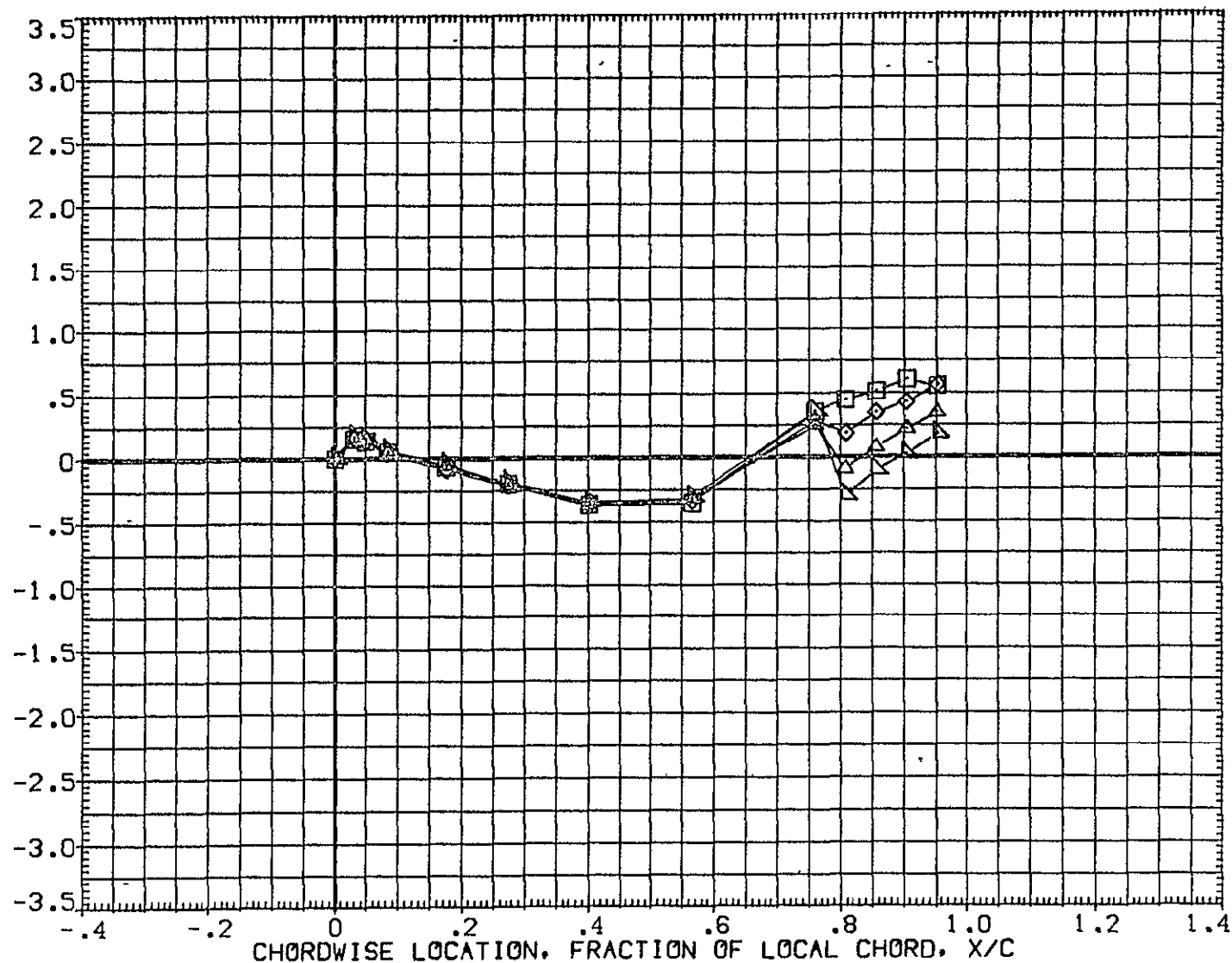


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = -2.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

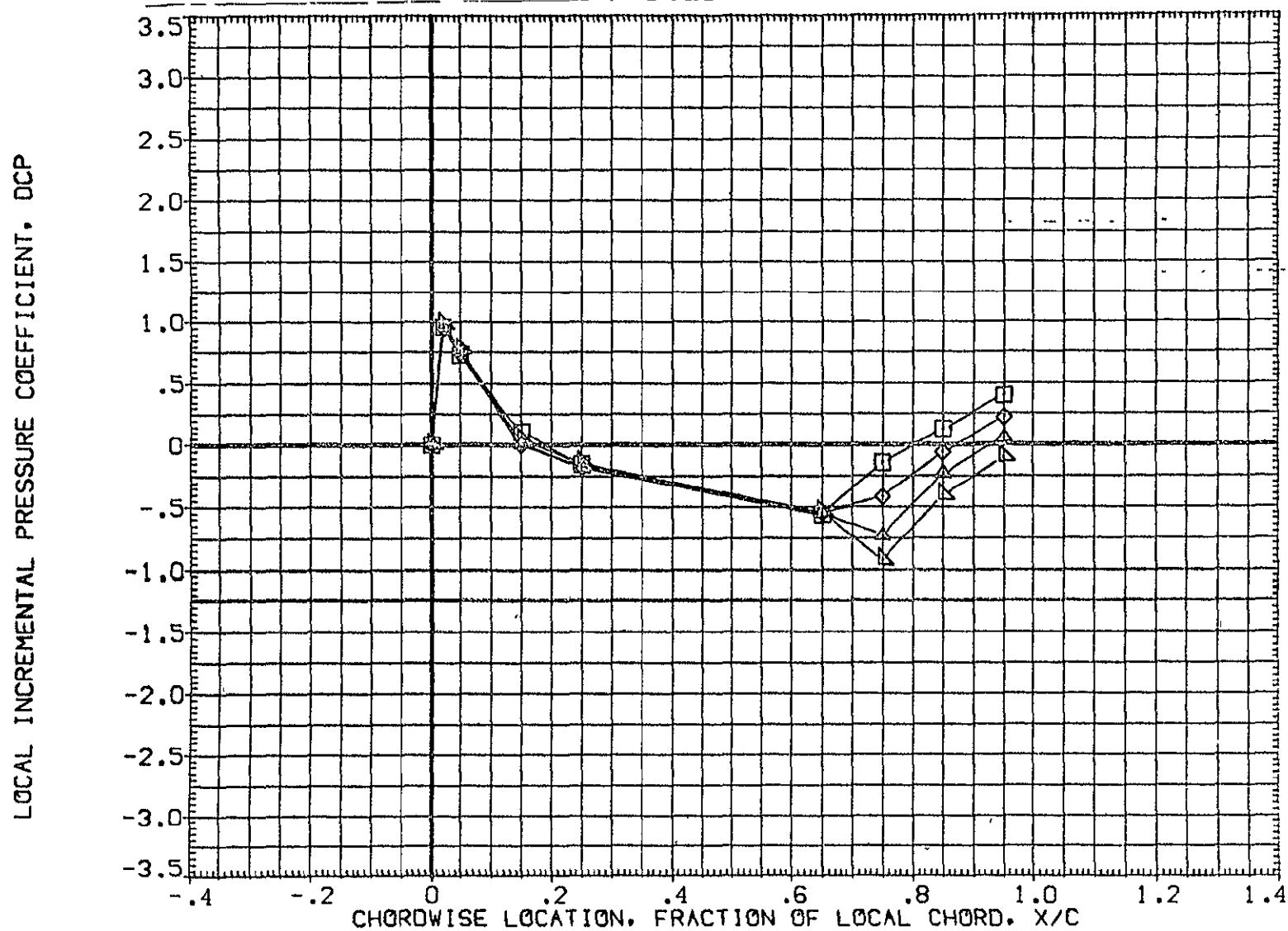


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = -2.000 2Y/B = .771 PAGE 816

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	□	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

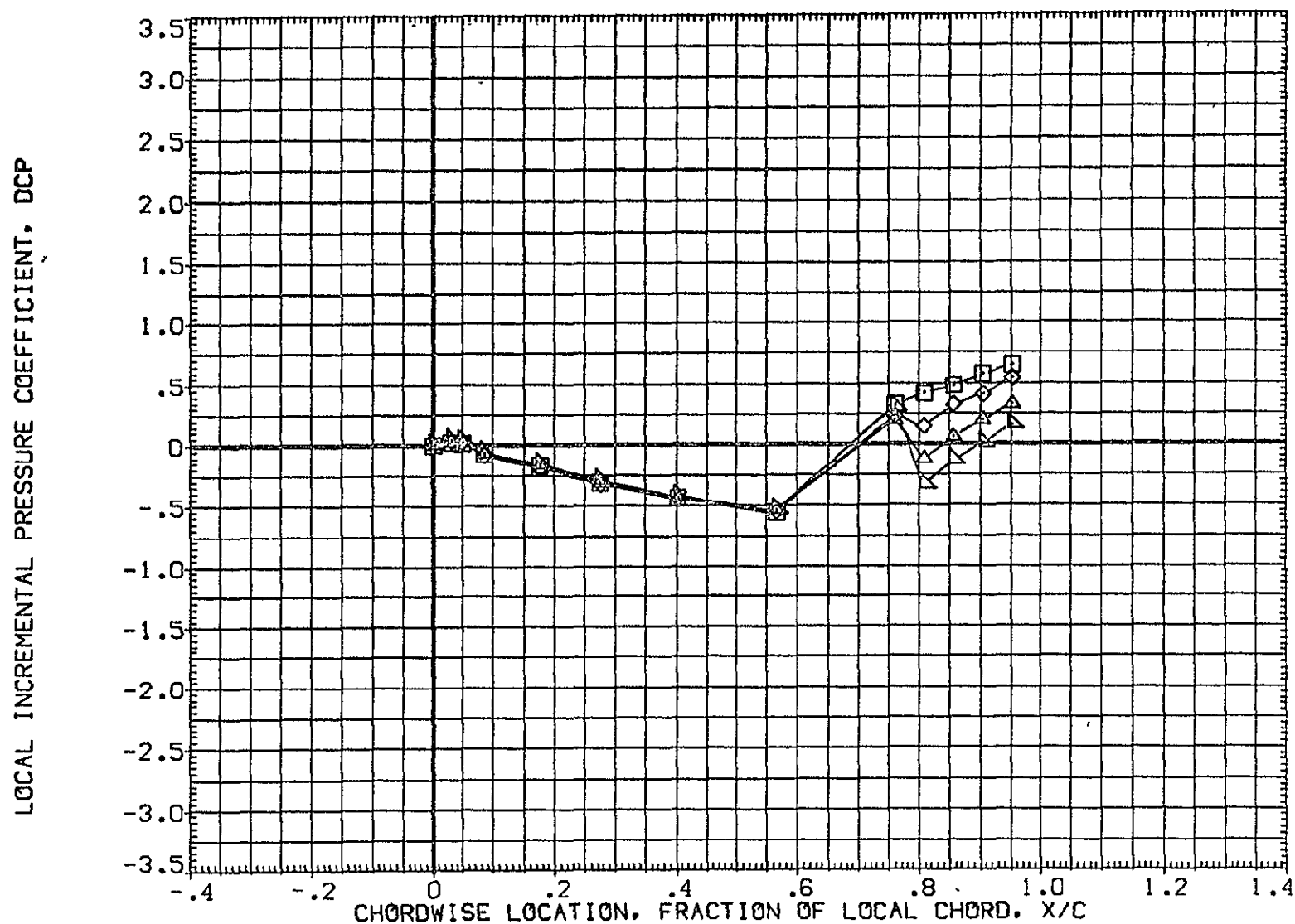


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

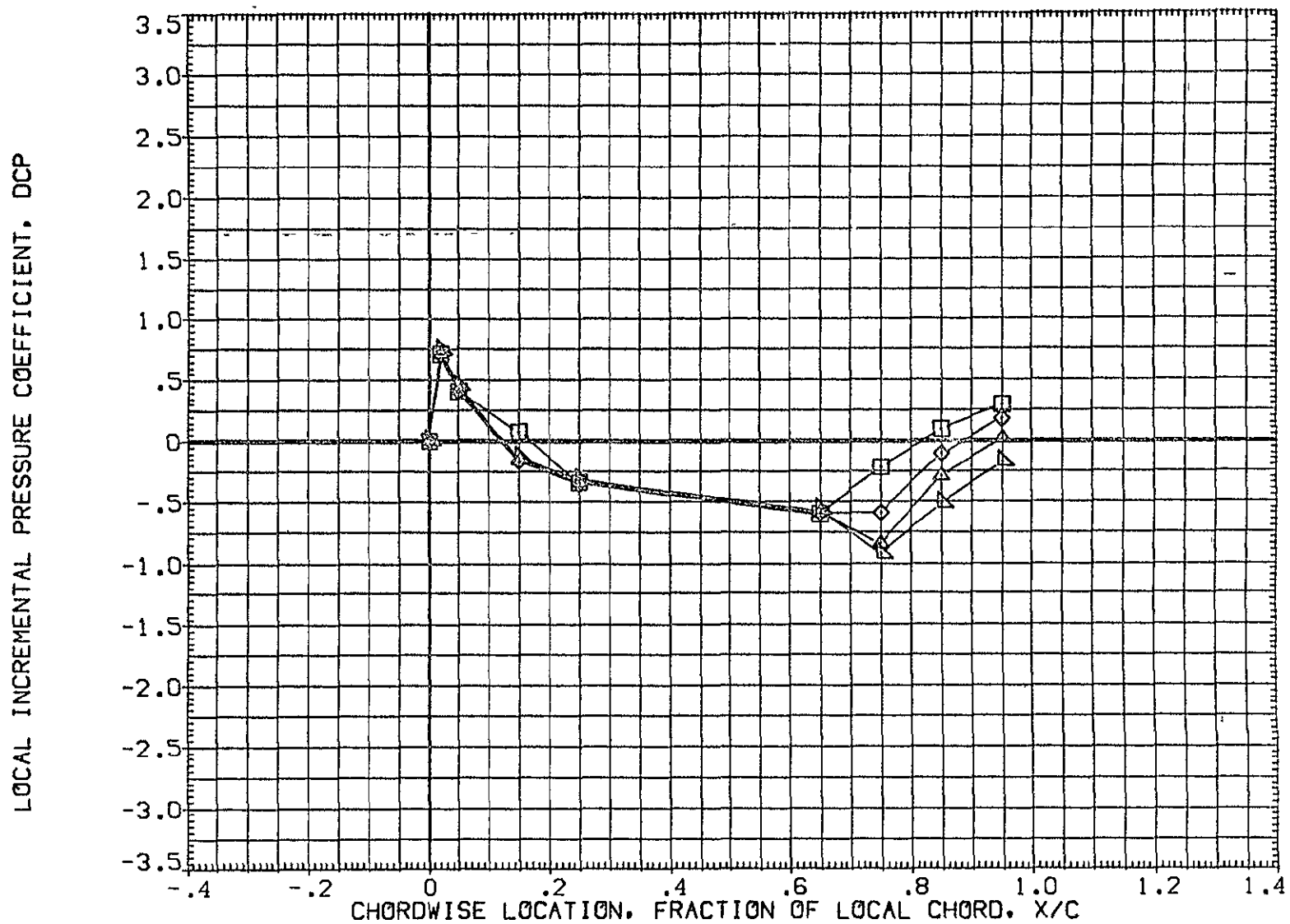


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

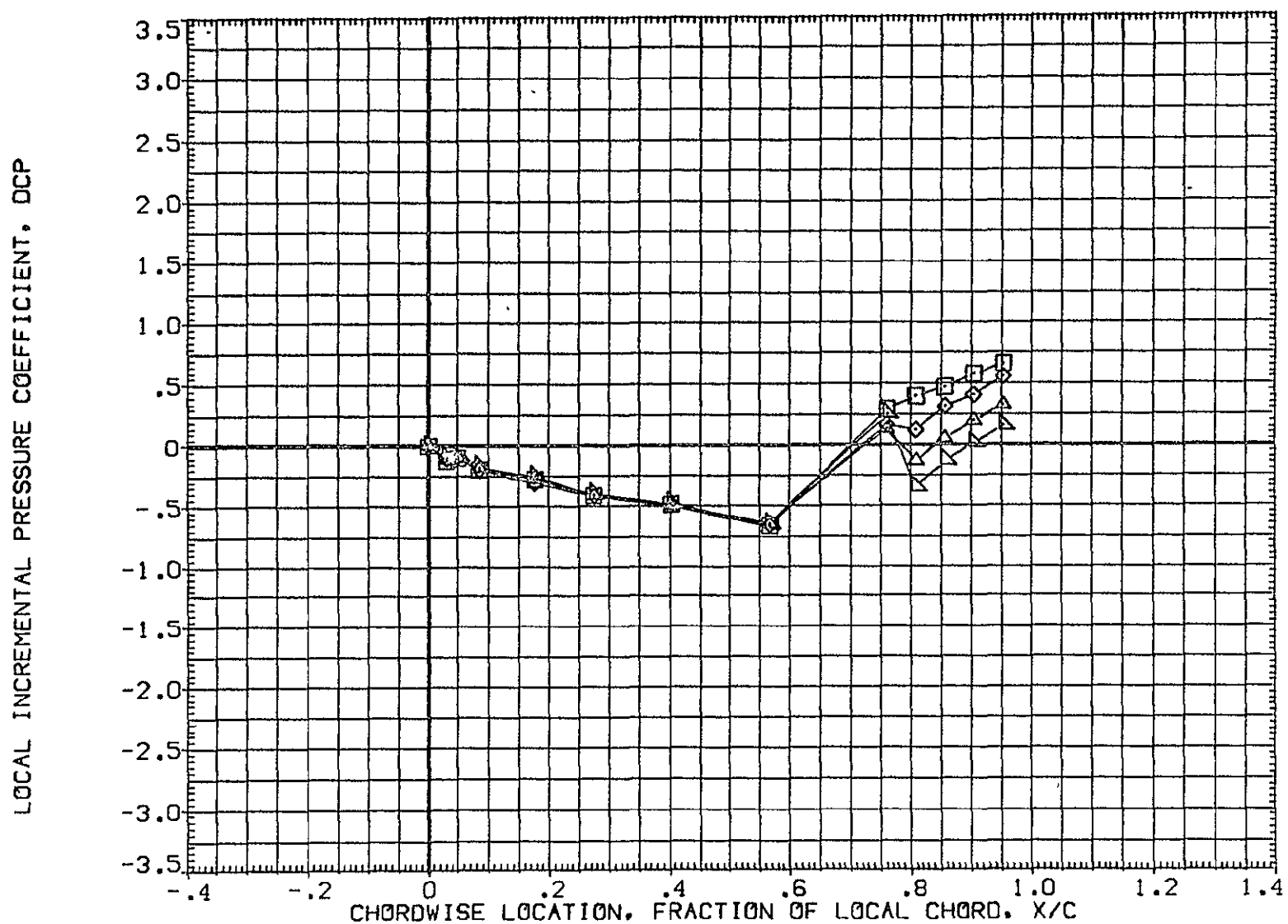


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 2.000 2Y/B = .436 PAGE 819

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE				
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
		8.000	12.000	12.000	12.000

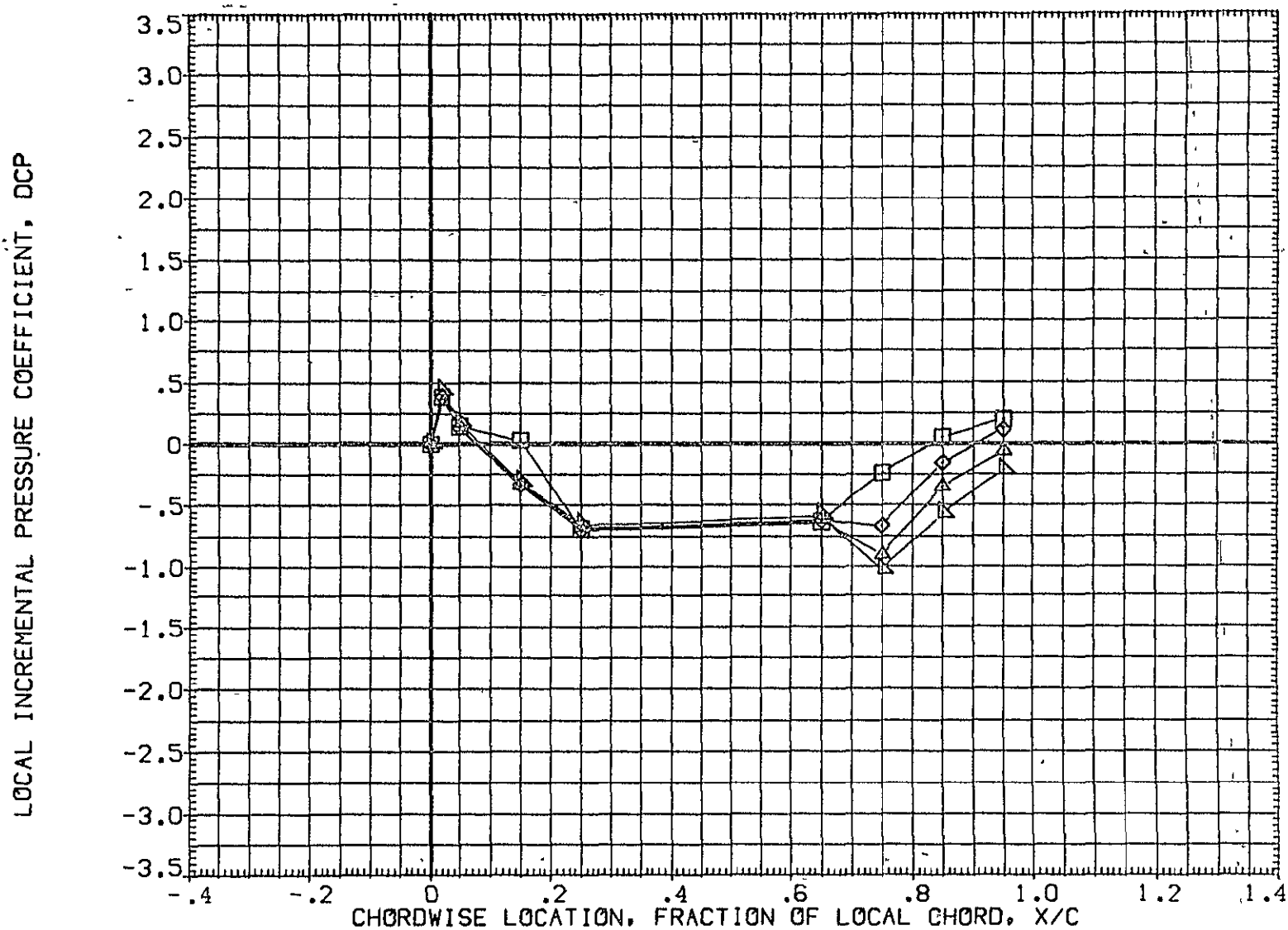


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

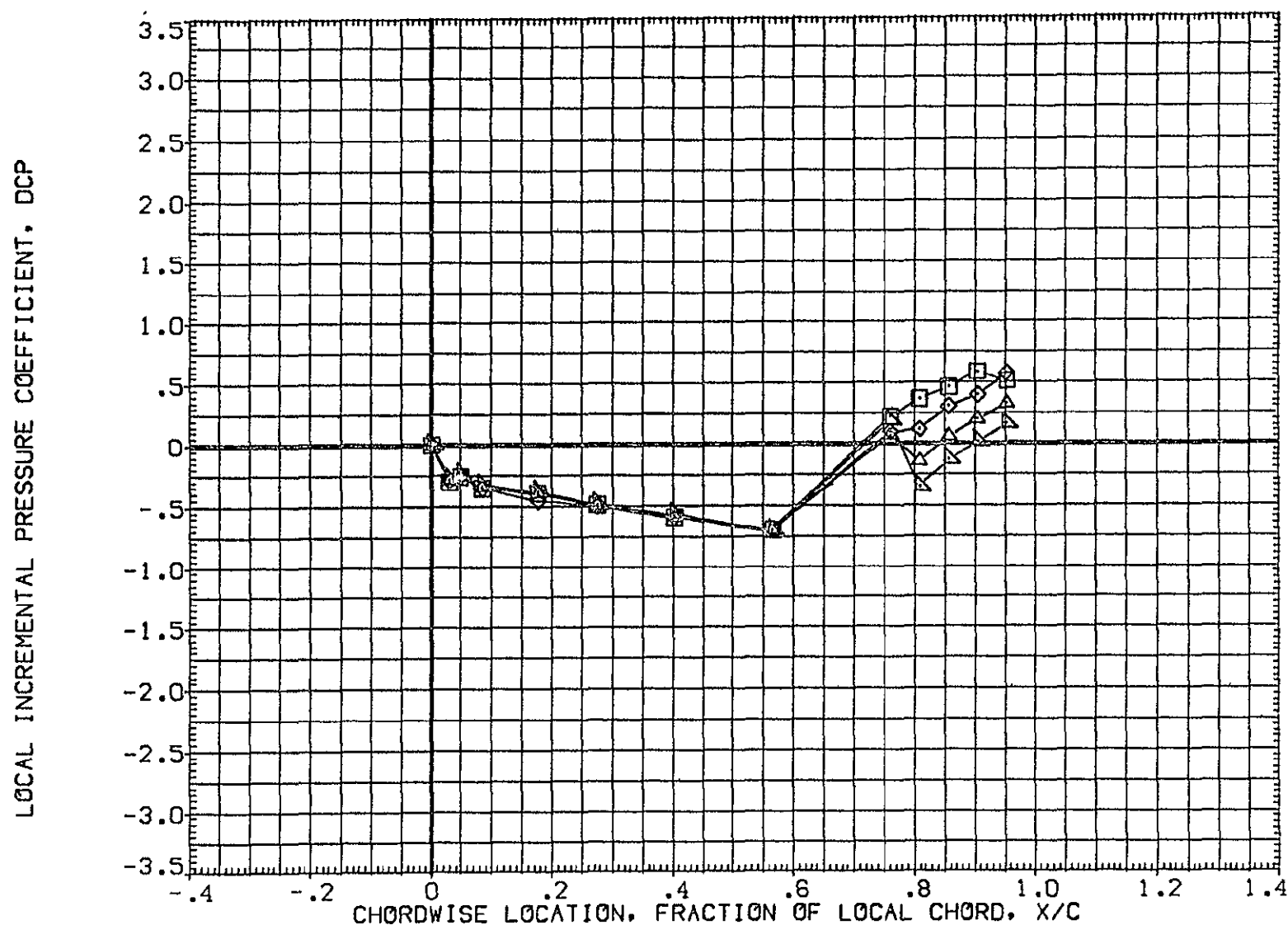


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 821

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

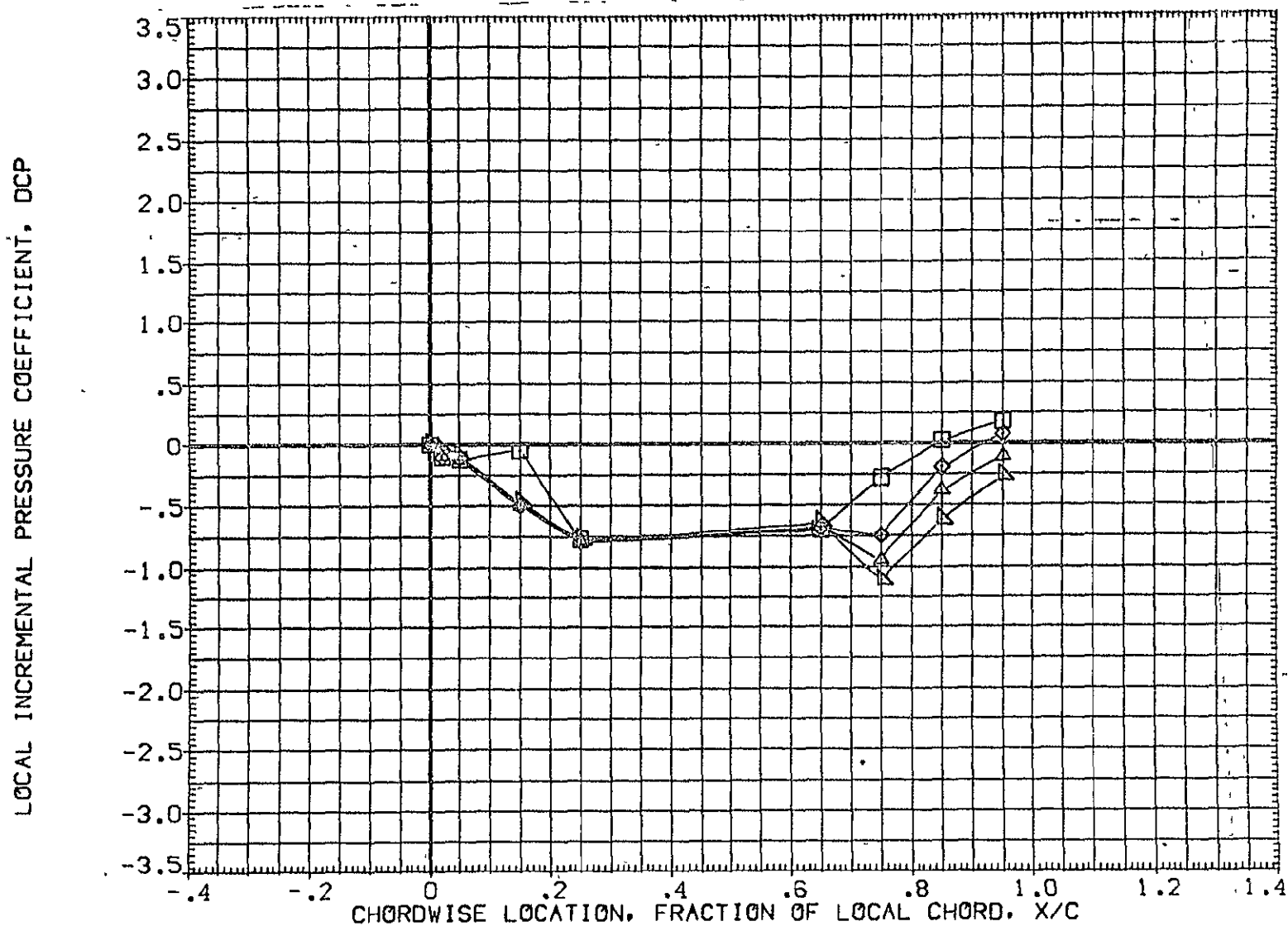


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

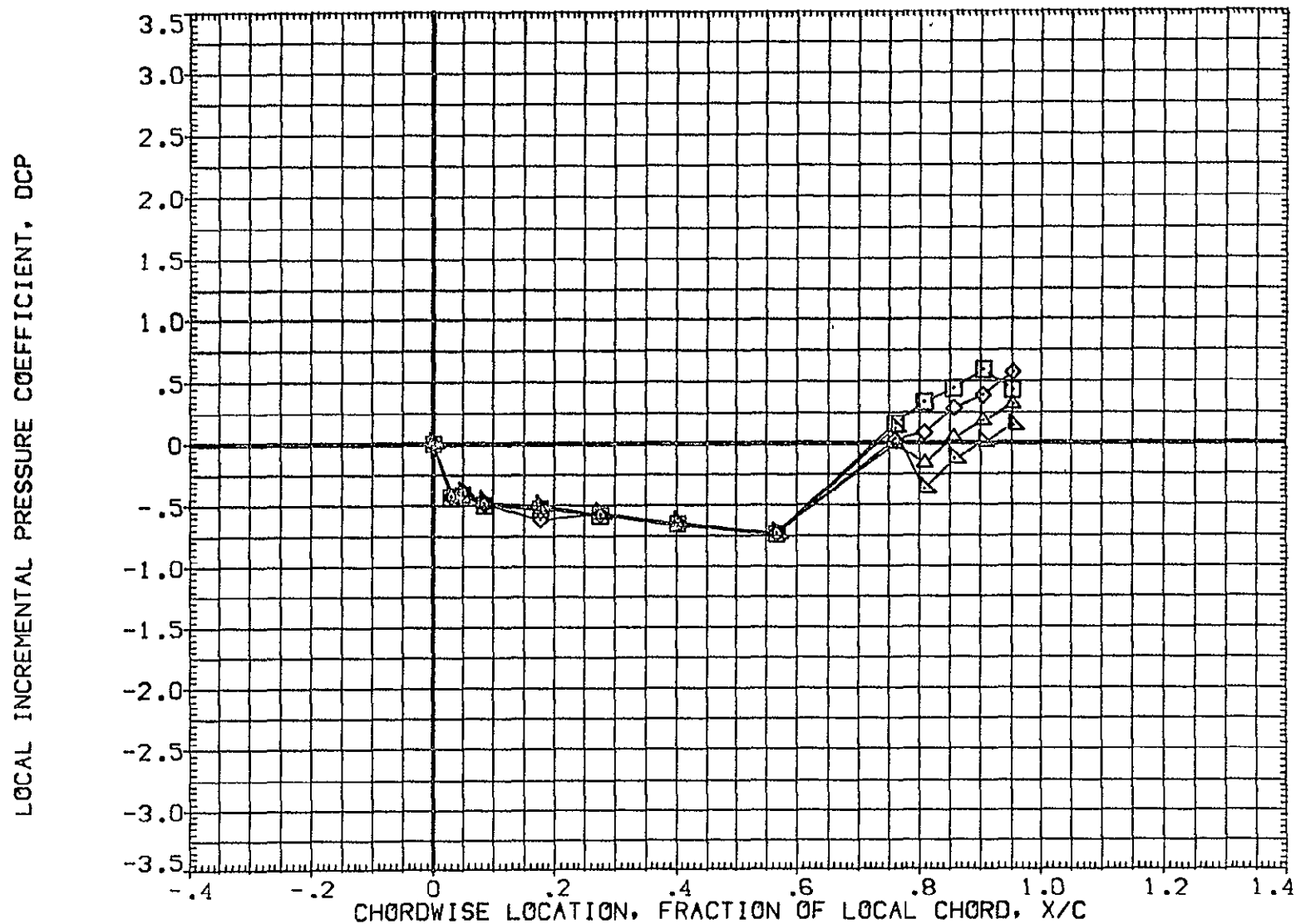


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 6.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

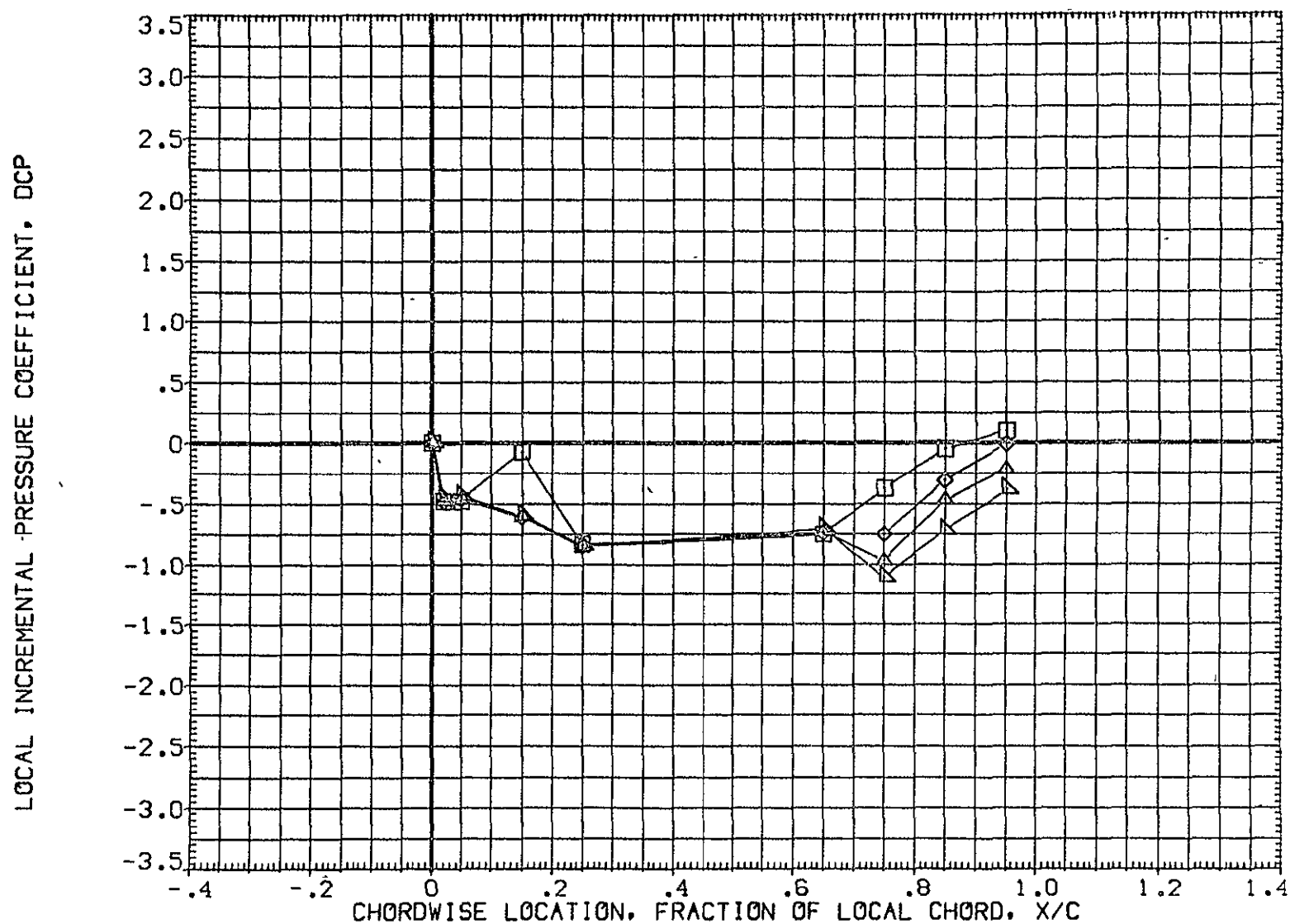


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

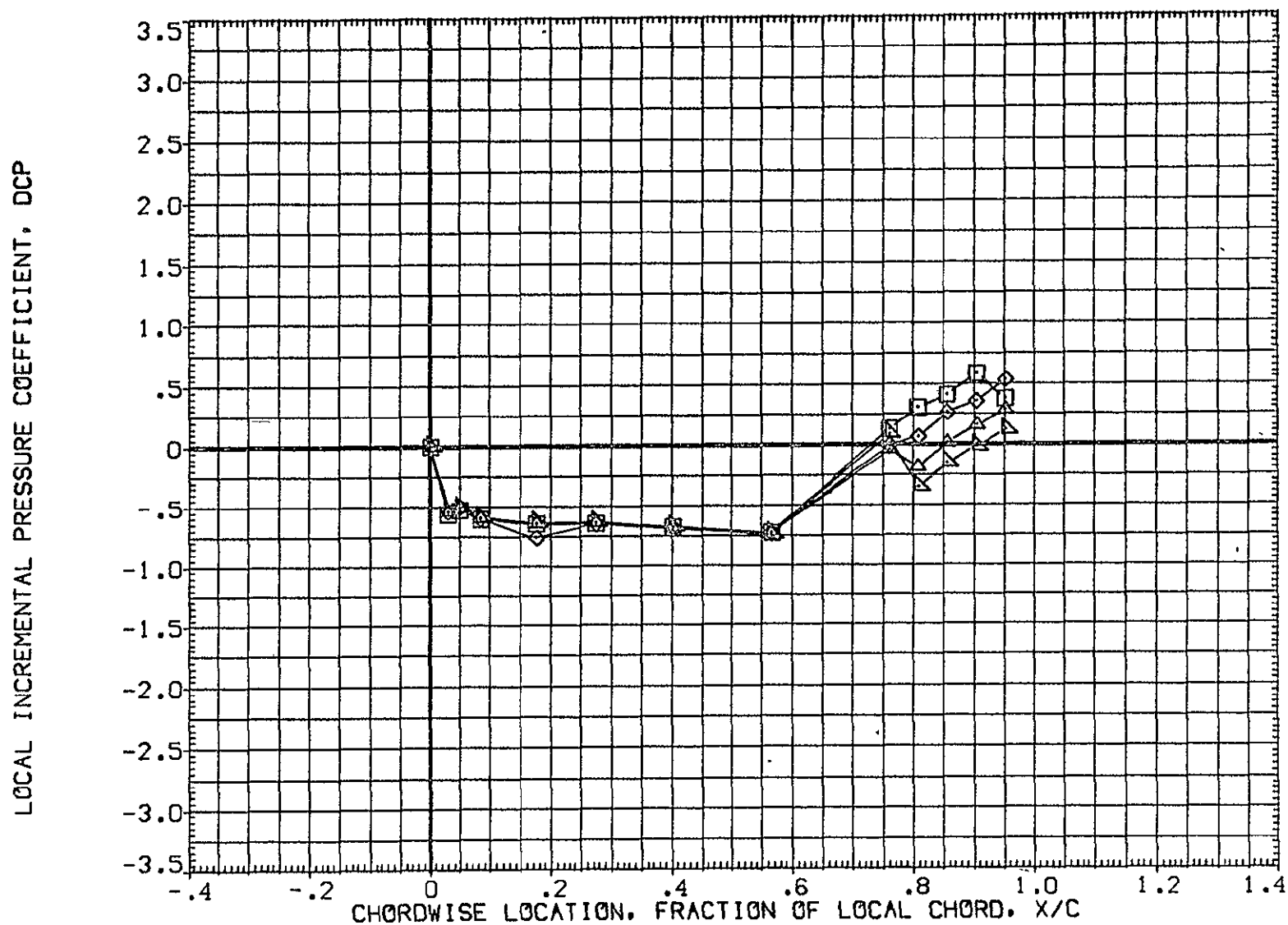


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 825

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

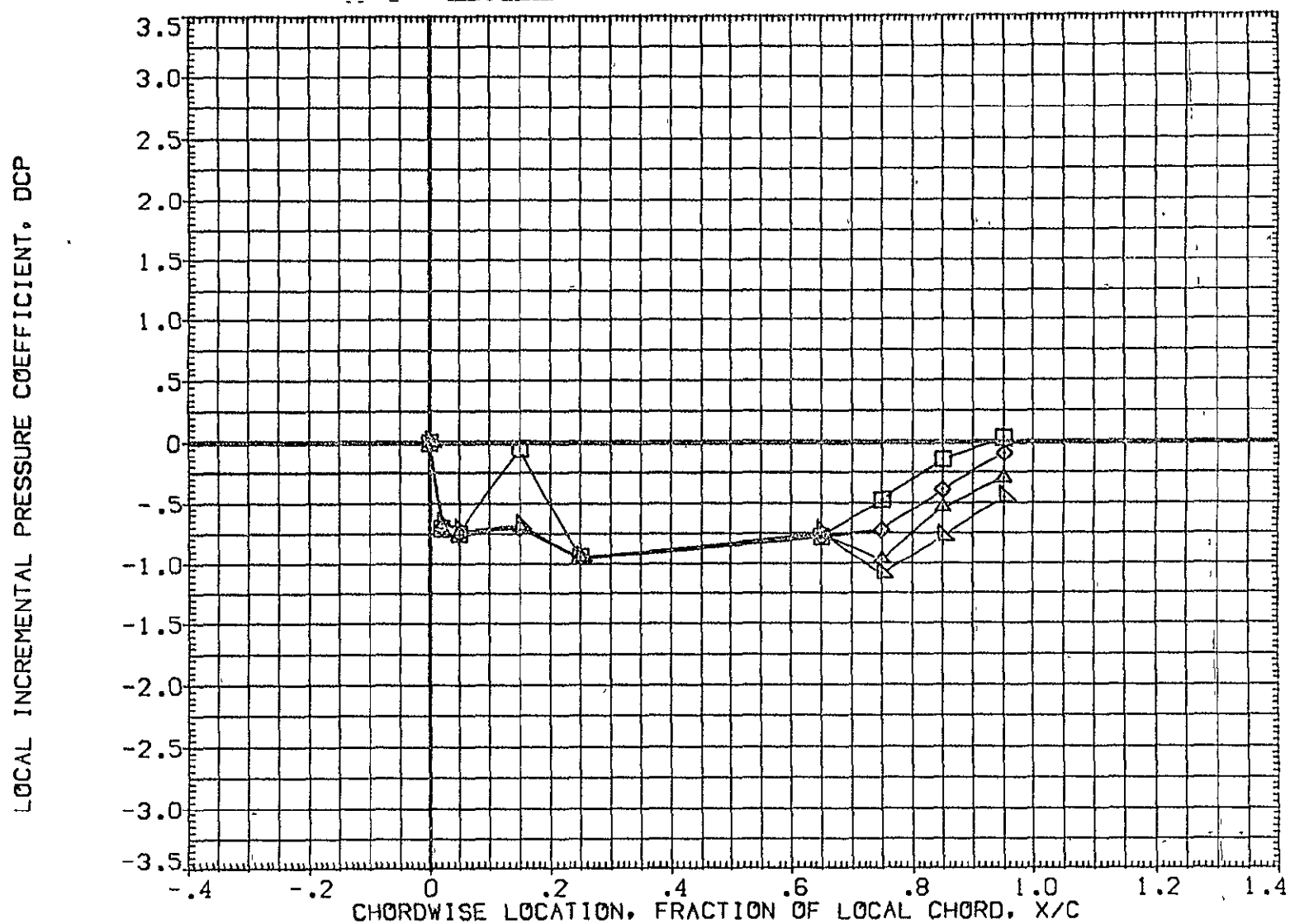


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

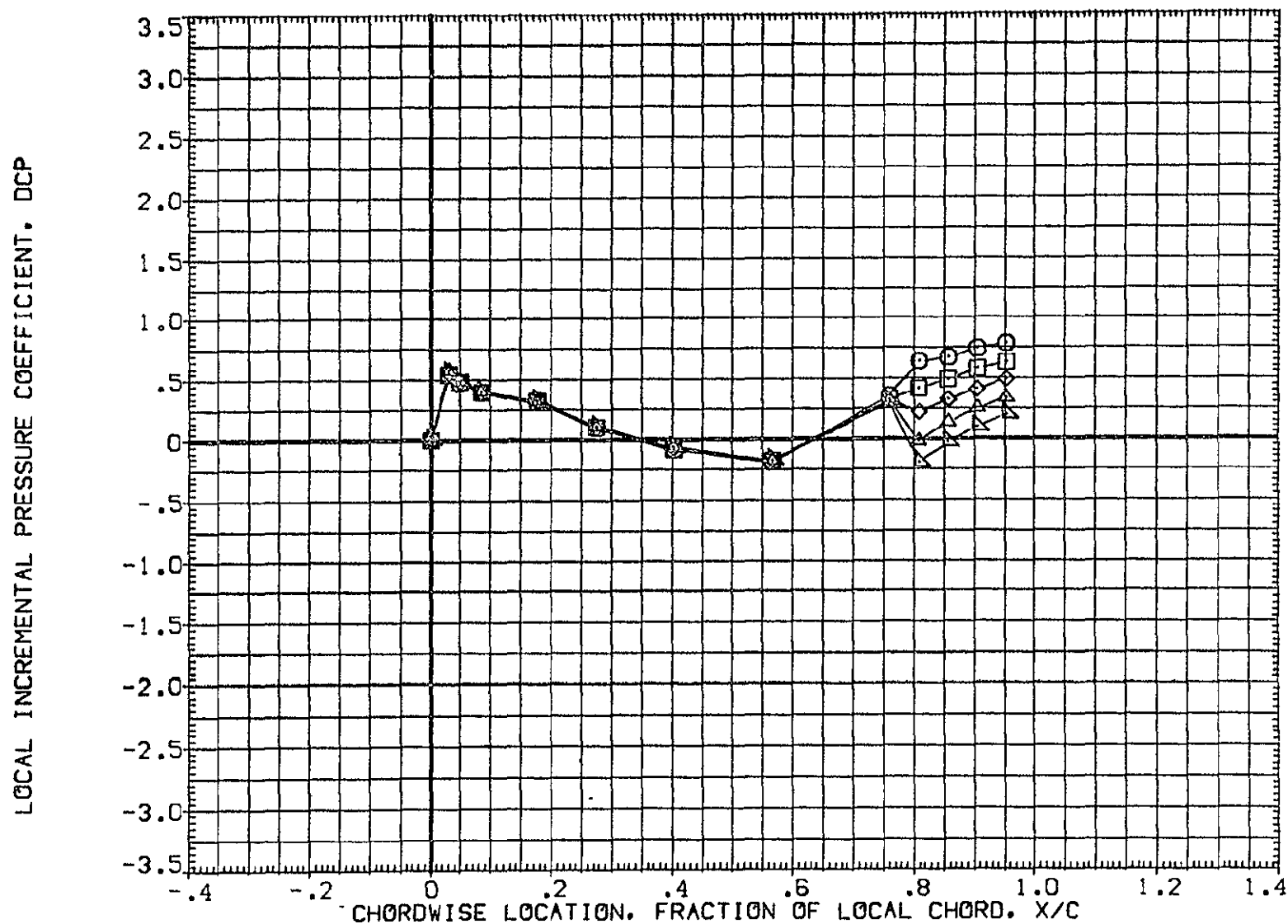


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -8.000 2Y/B = .436 PAGE 827

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7054)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

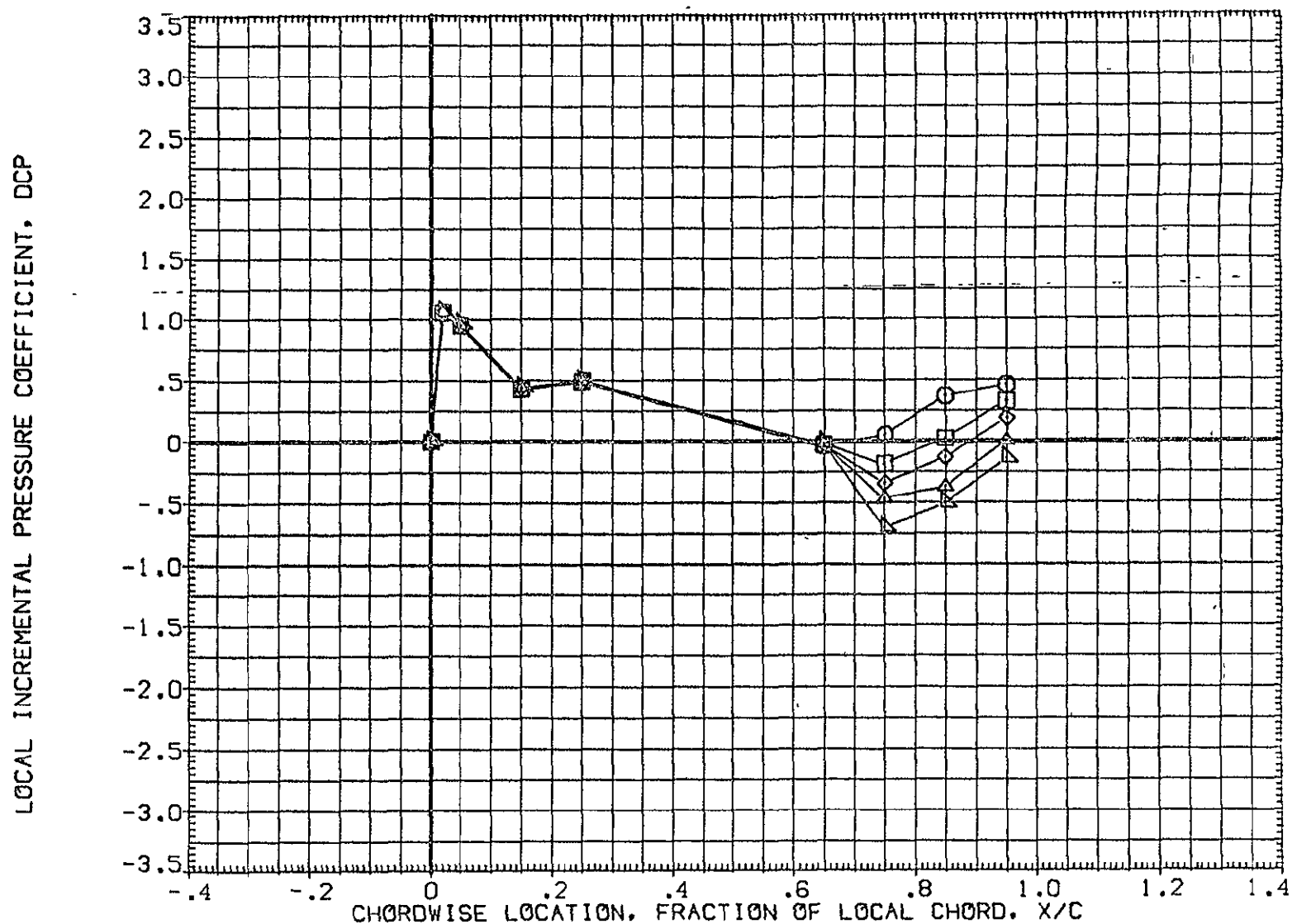


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -8.000 2Y/B = .771 PAGE 828

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	○	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7045}	□	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	◇	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	△	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	▽	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

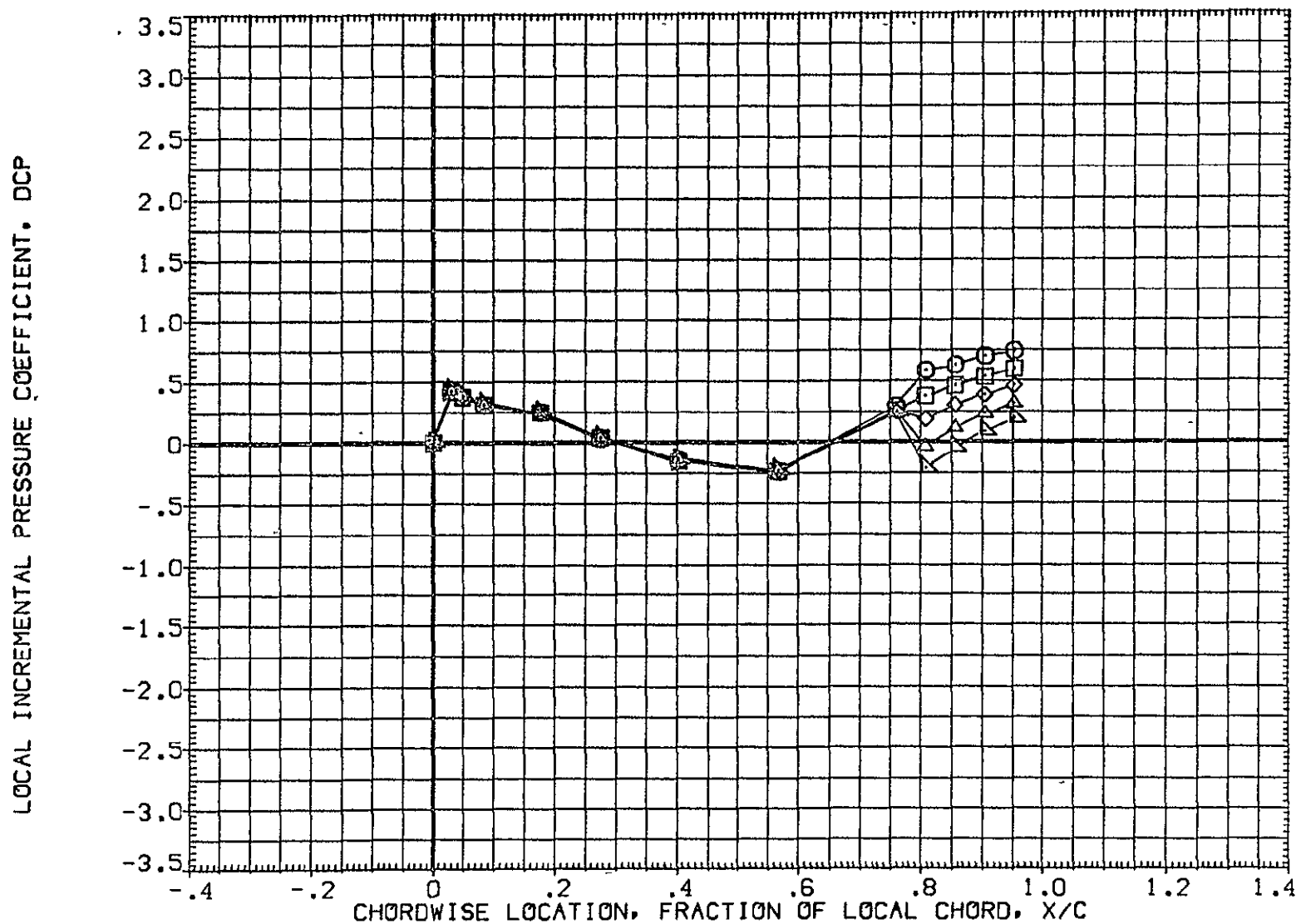


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -6.000 2Y/B = .436 PAGE 829

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7045]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

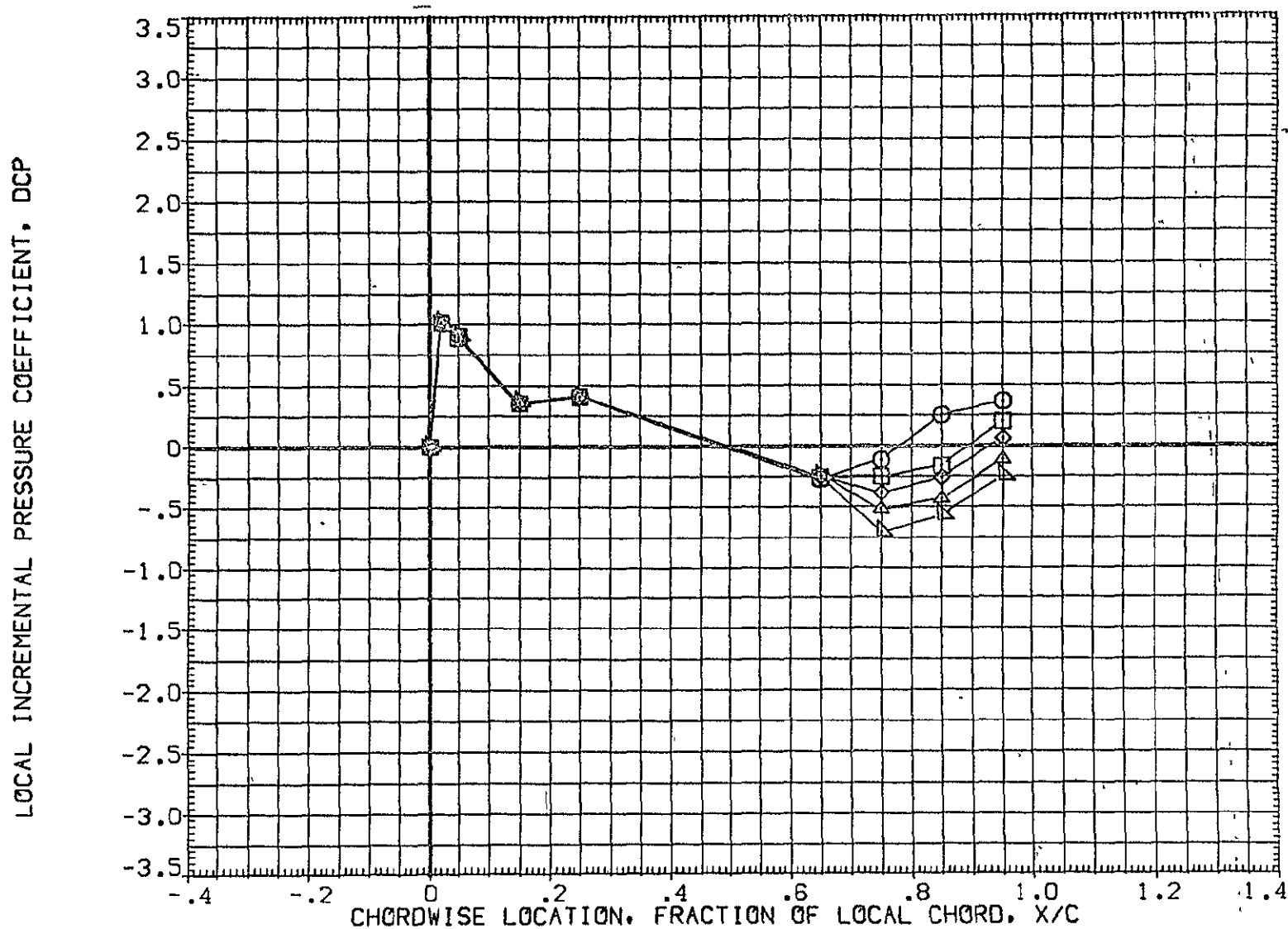


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	○	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7045}	□	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	△	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	×	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	▽	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

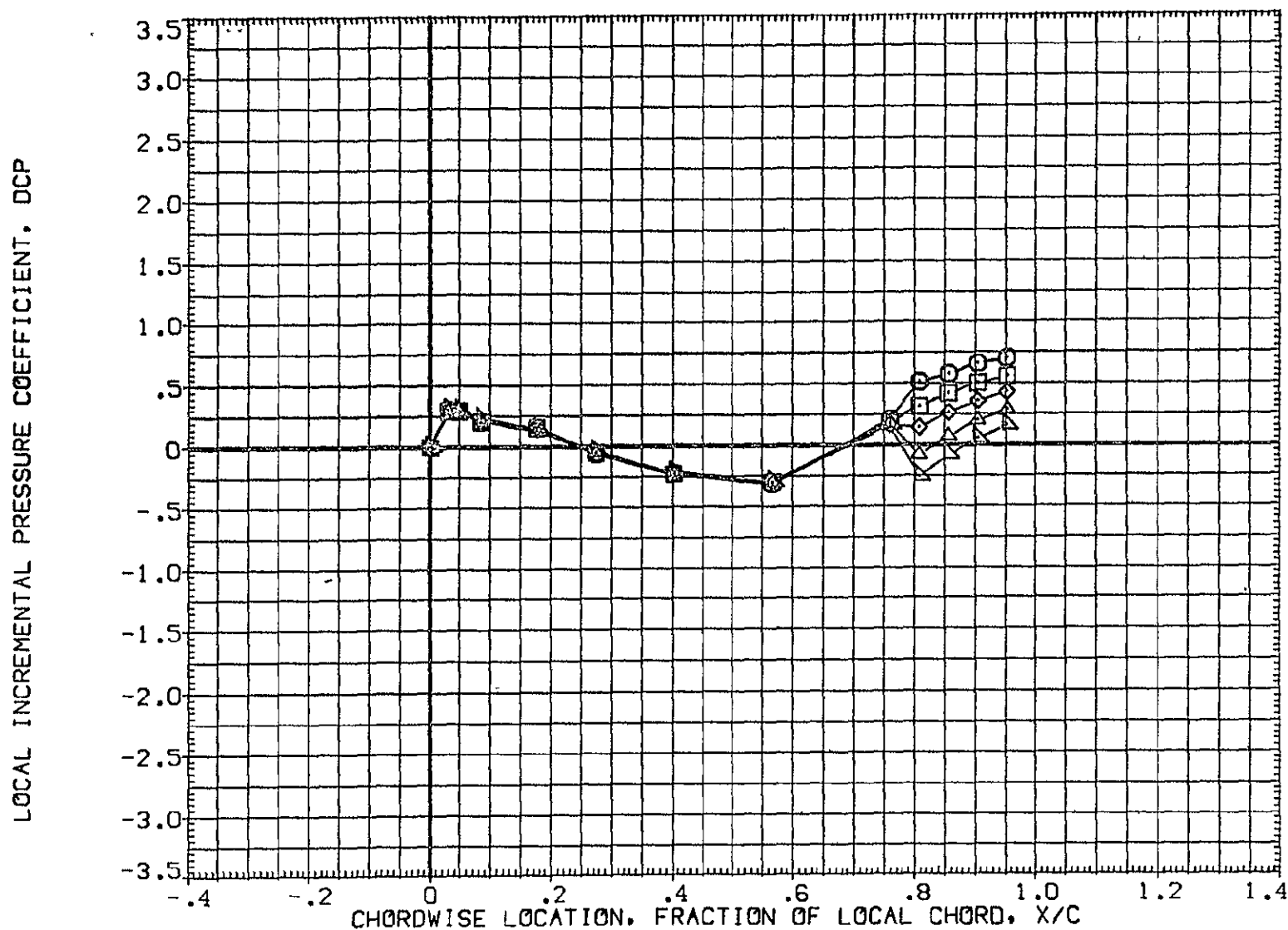


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = -4.000 2Y/B = .436 PAGE 831



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7054]	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7045]	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

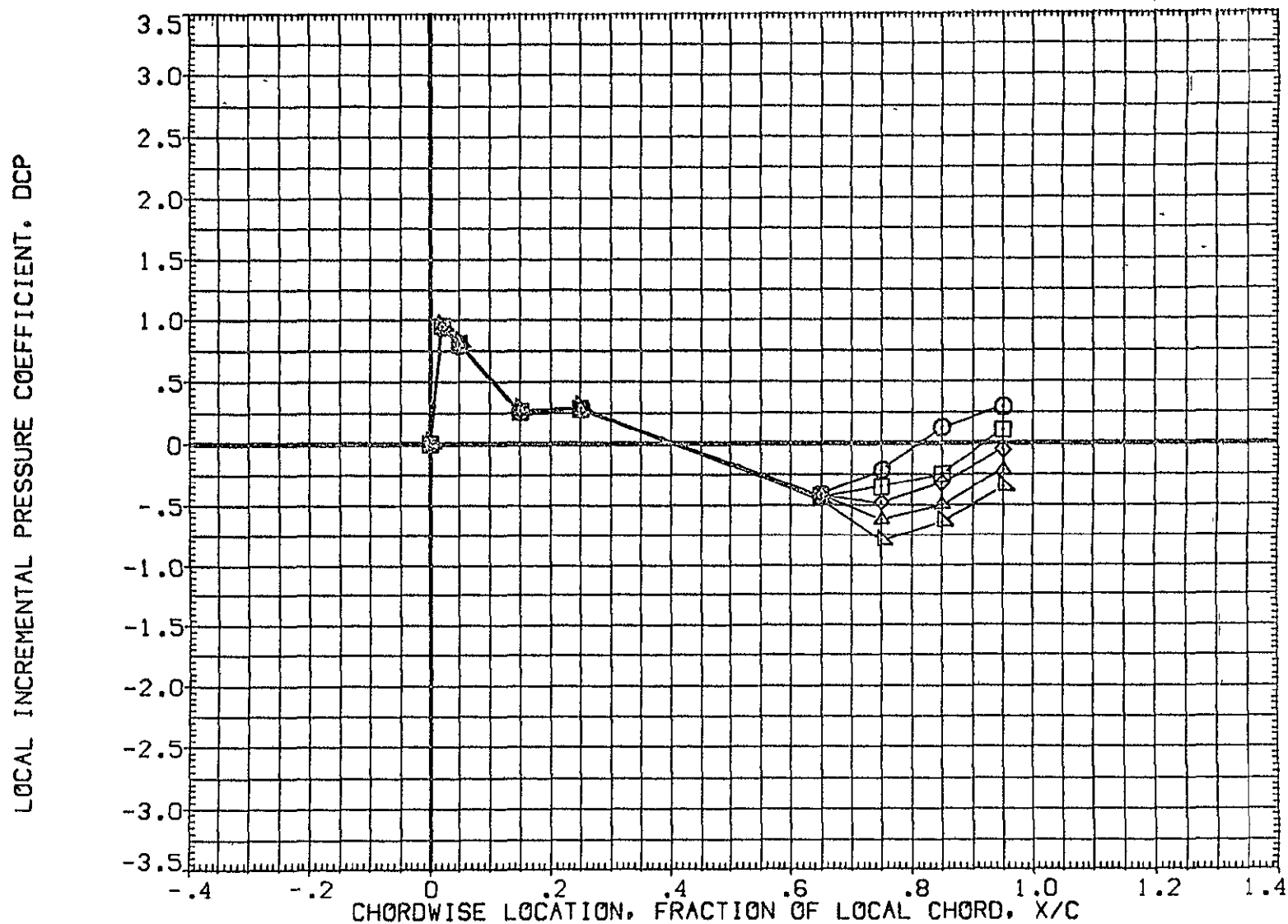


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7045)	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

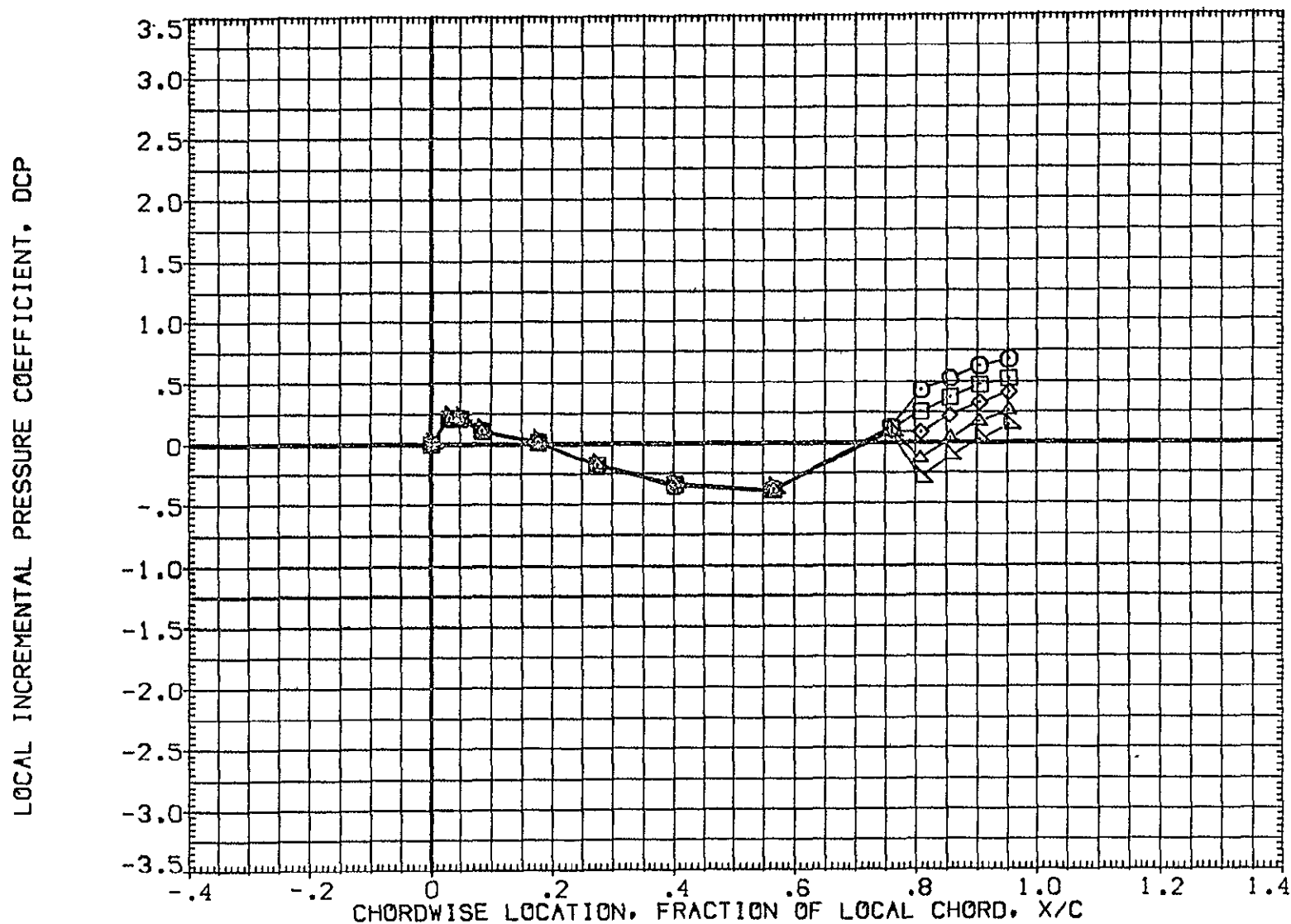


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

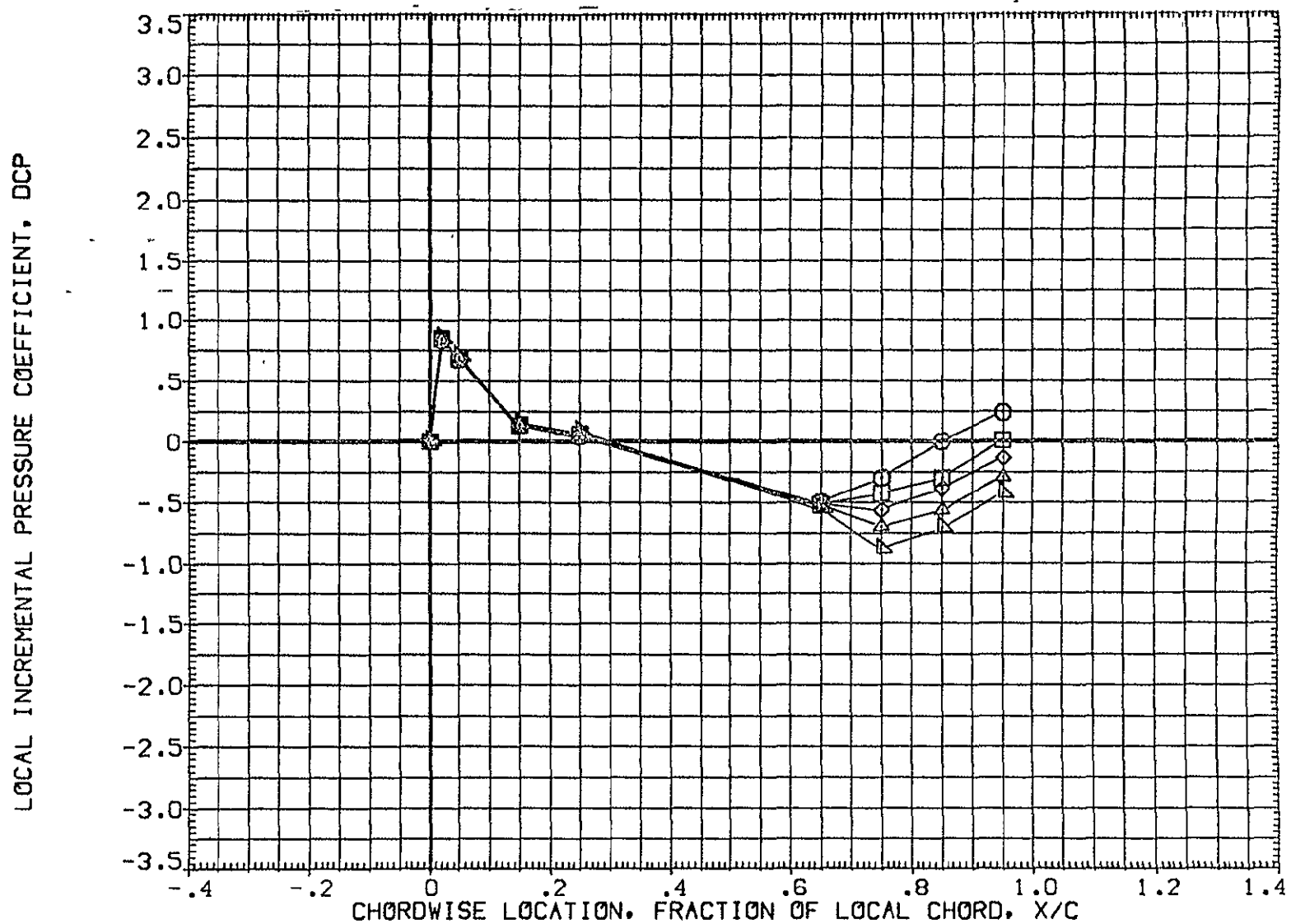


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	○	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7045)	◇	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	△	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	▽	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	△	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

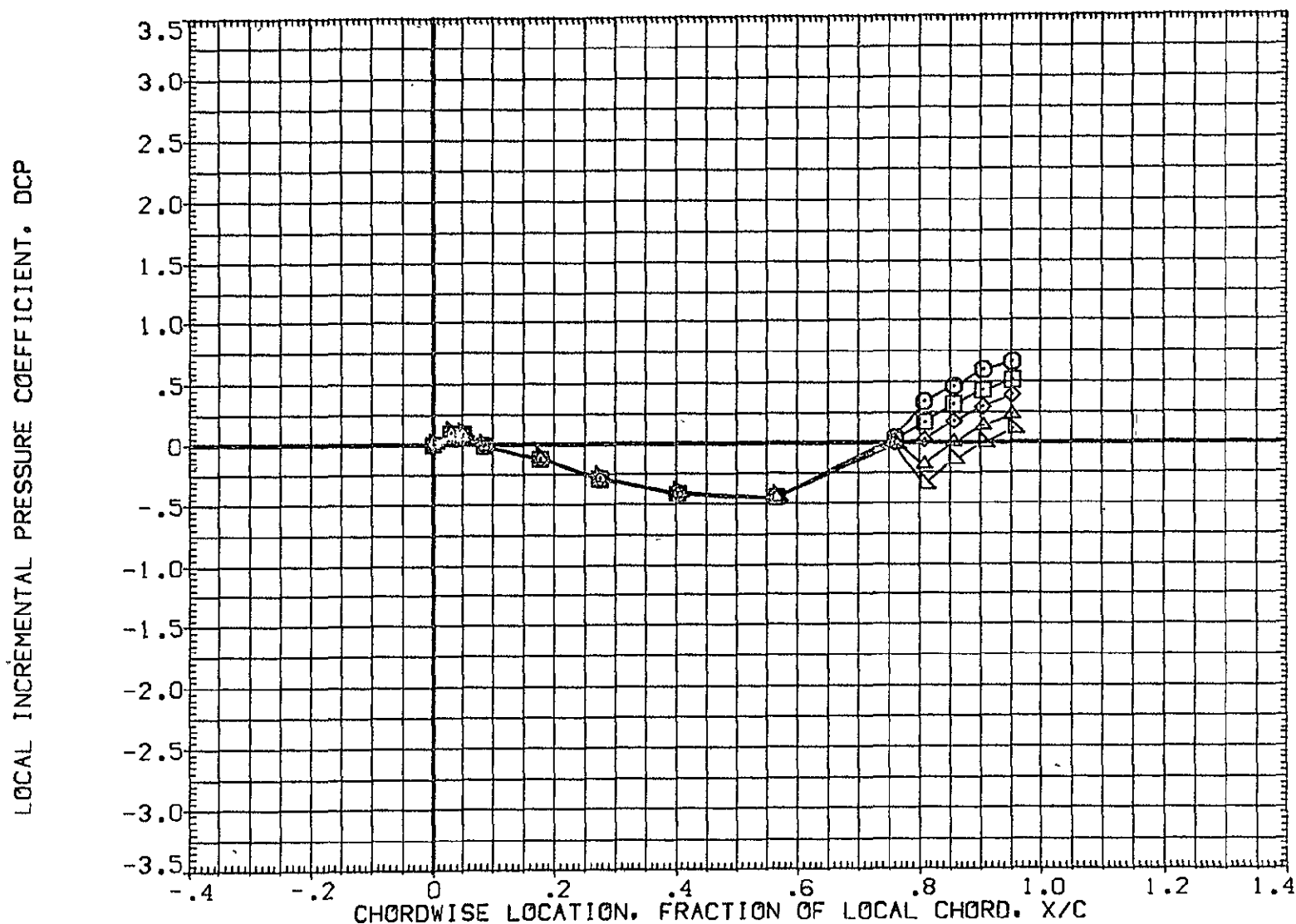


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = .000 2Y/B = .436 PAGE 835

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

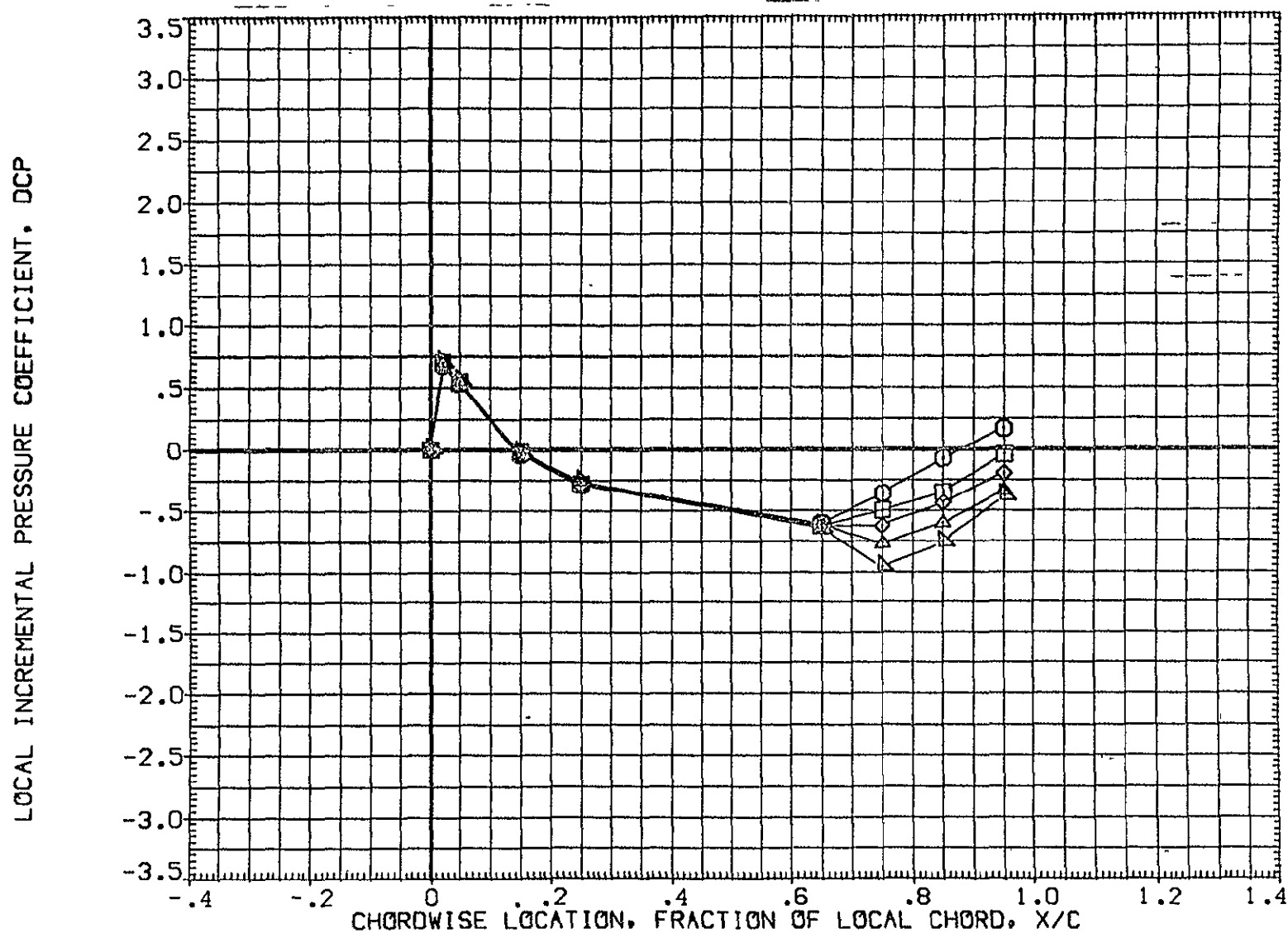


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7045]	1A70 001 T12 S1 P2 P8 VING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	1A70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

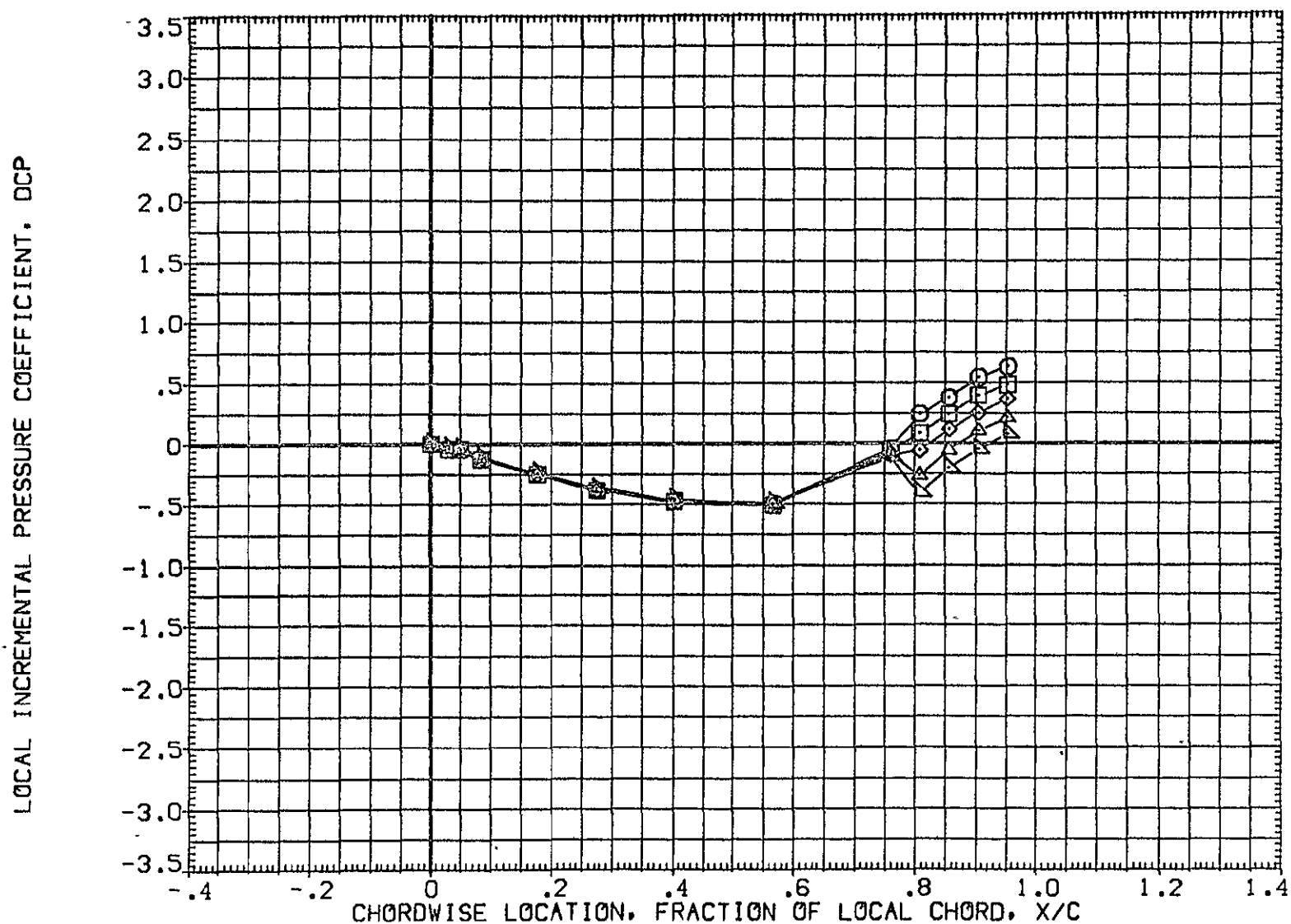


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 2.000 2Y/B = .436 PAGE 837

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7064 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{ AF7045 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{ AF7050 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{ AF7055 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{ AF7060 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

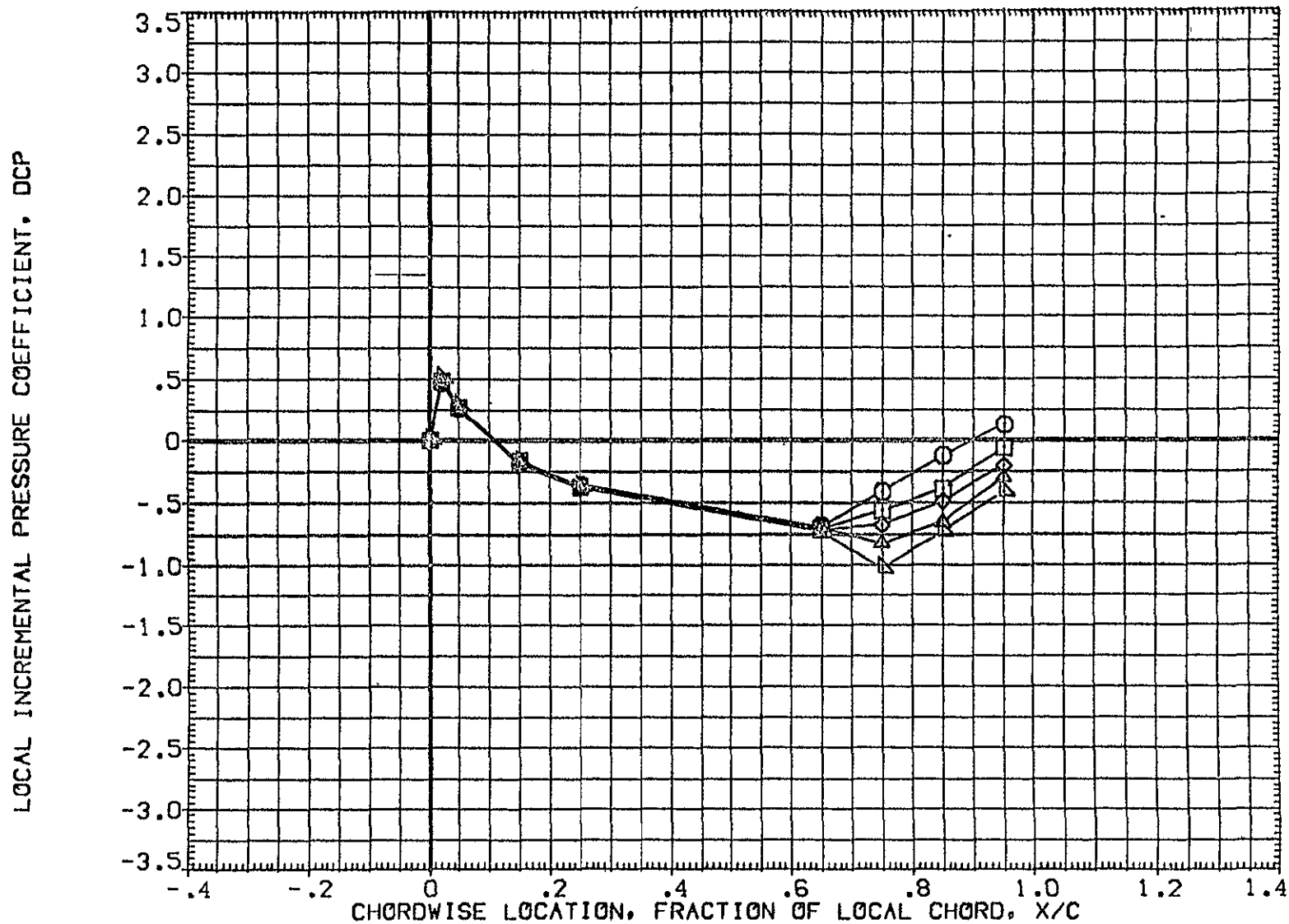


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

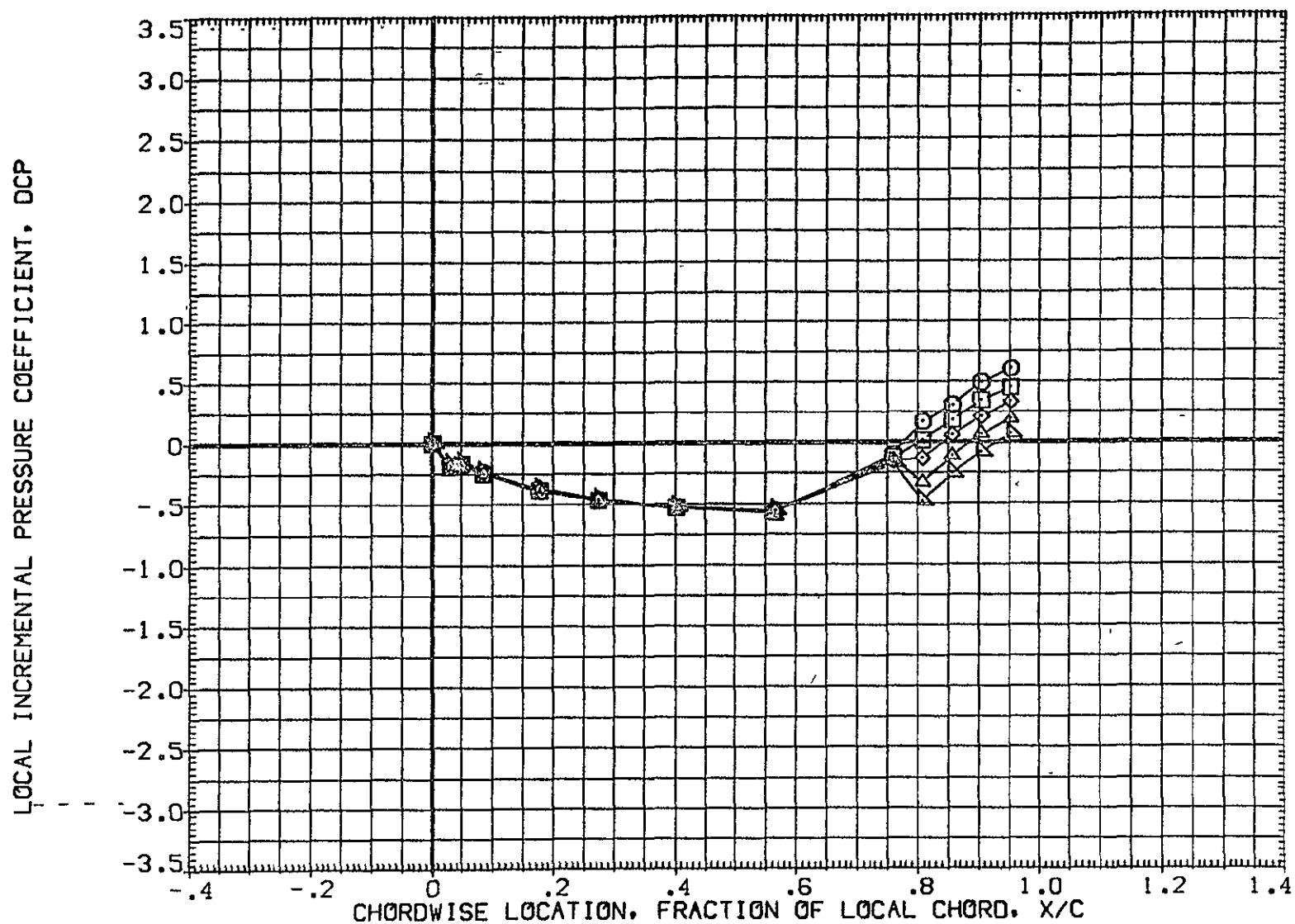


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 4.000 2Y/B = .436 PAGE 839



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	○	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7045]	□	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	◇	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	△	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	▽	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

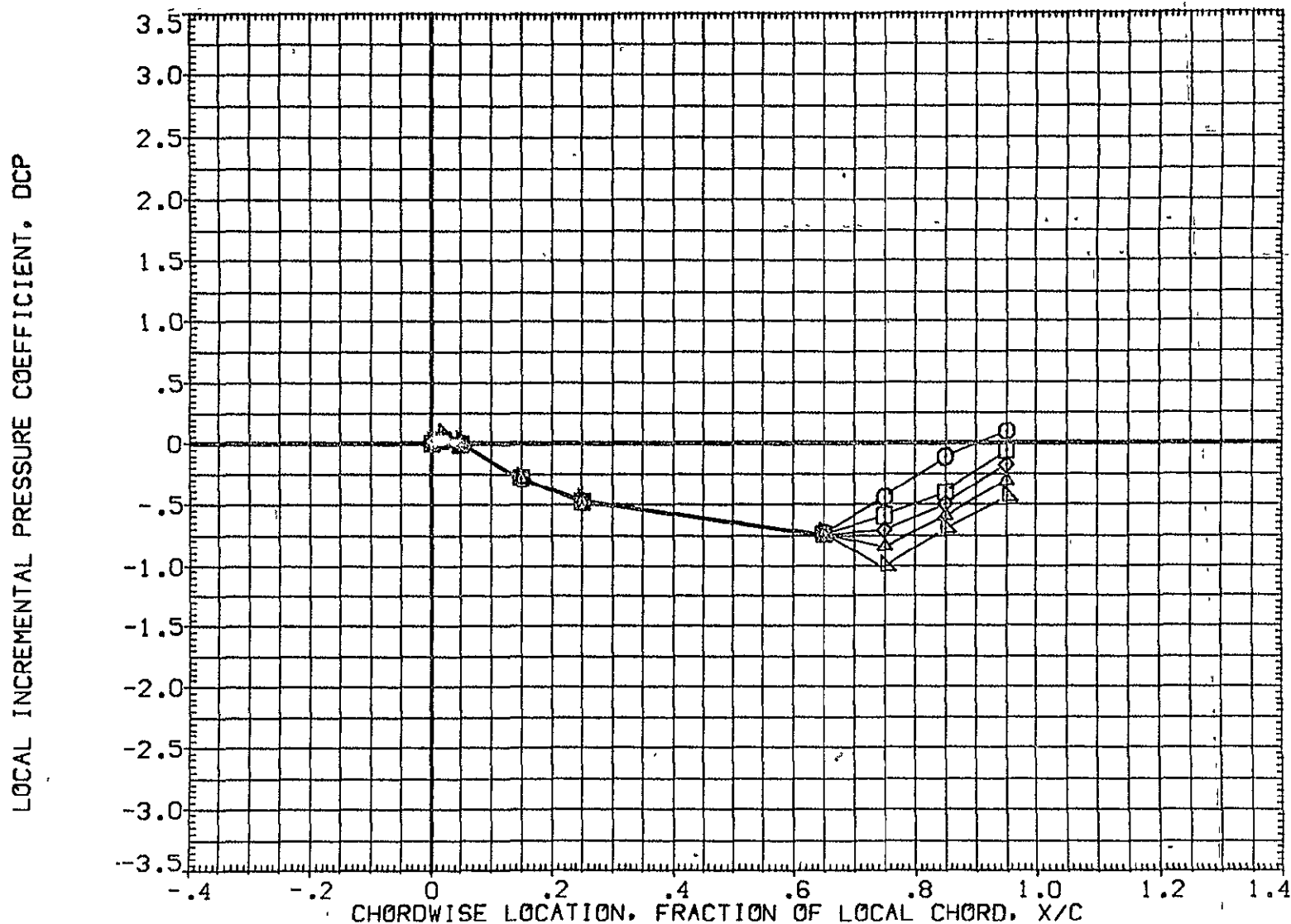


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7064}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7045}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7050}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7055}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7060}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

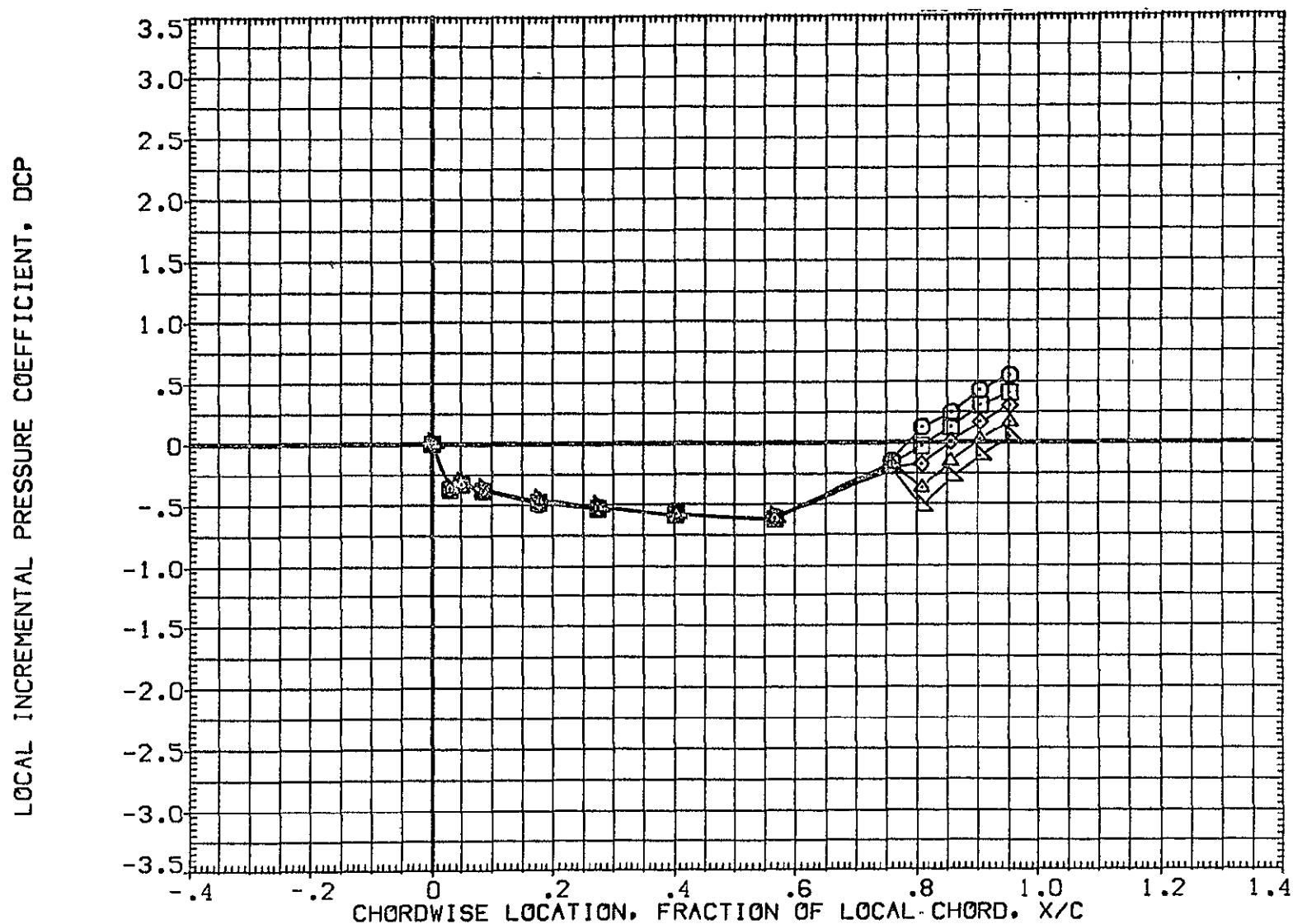


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7045]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

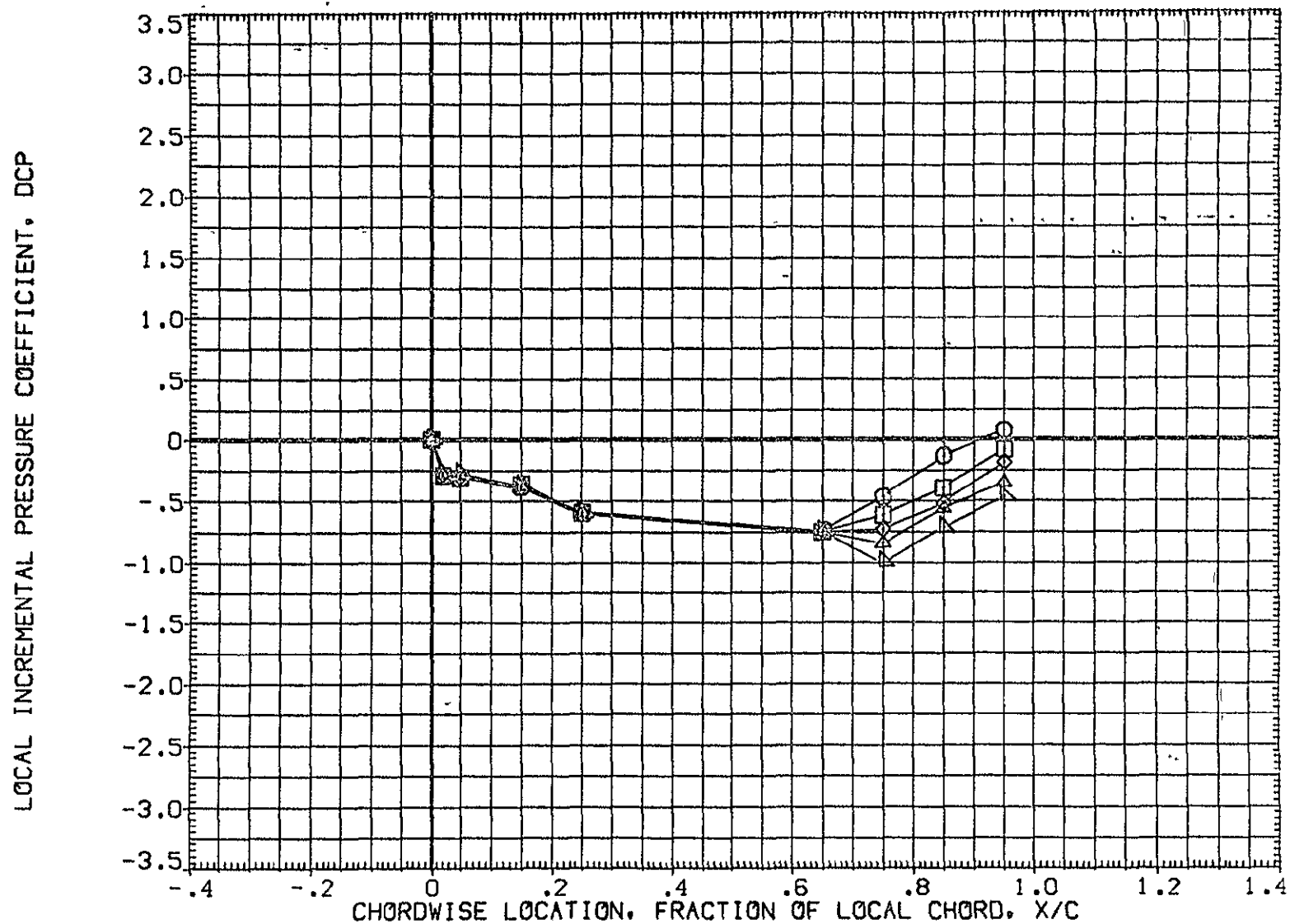


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7064]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7050]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7055]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7060]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

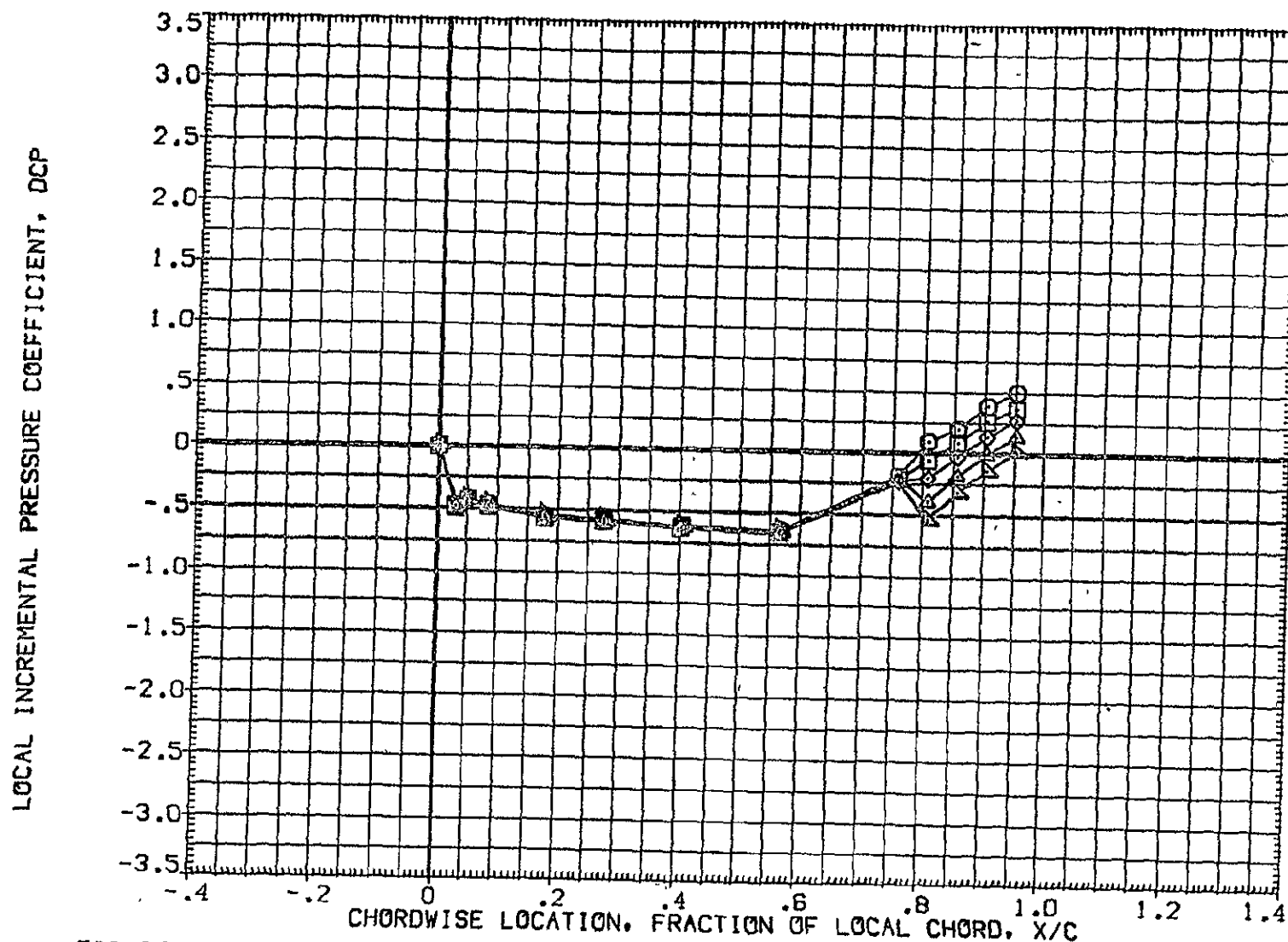


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0  
MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7064)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7050)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7060)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

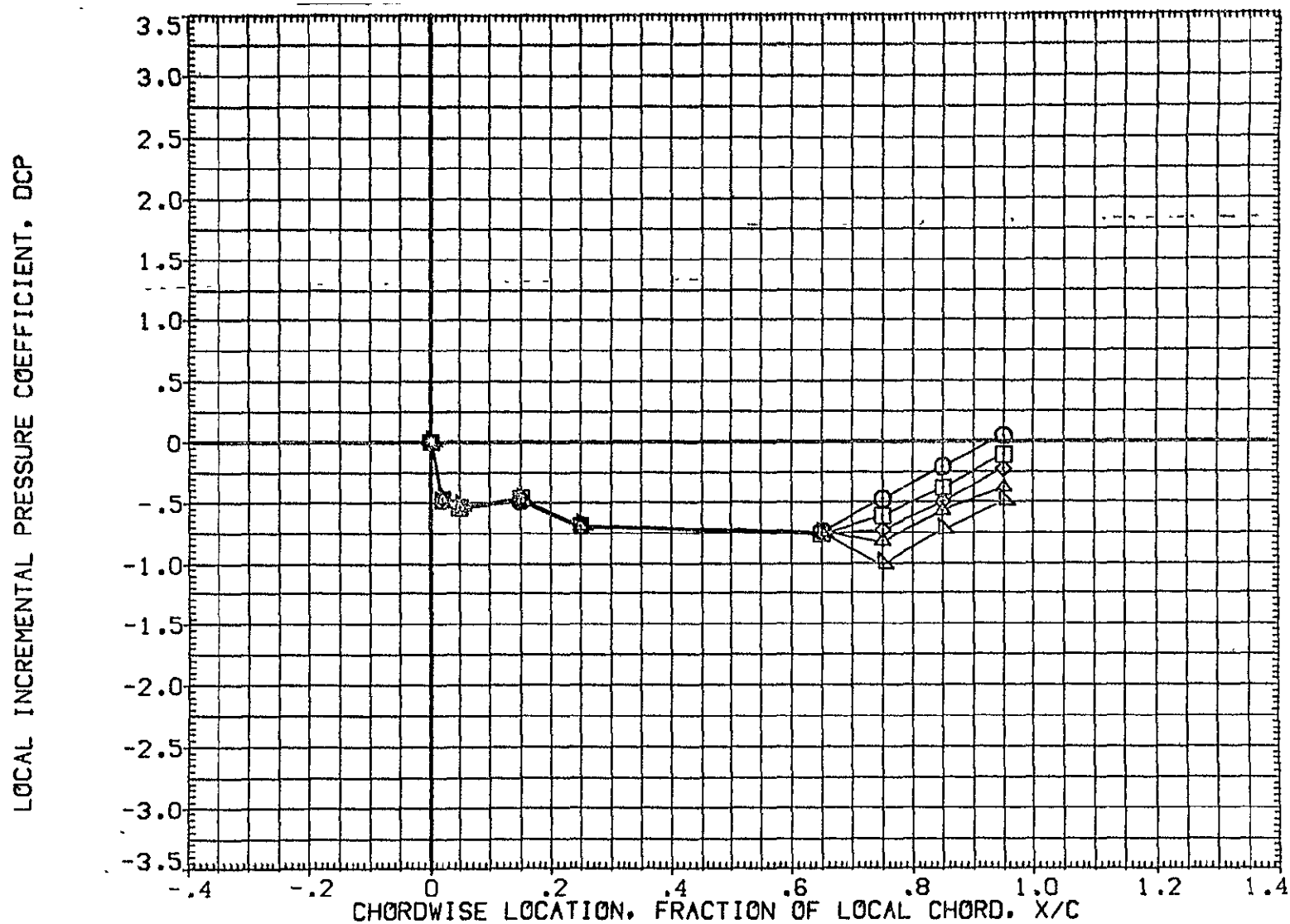


FIG 27 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = 0

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

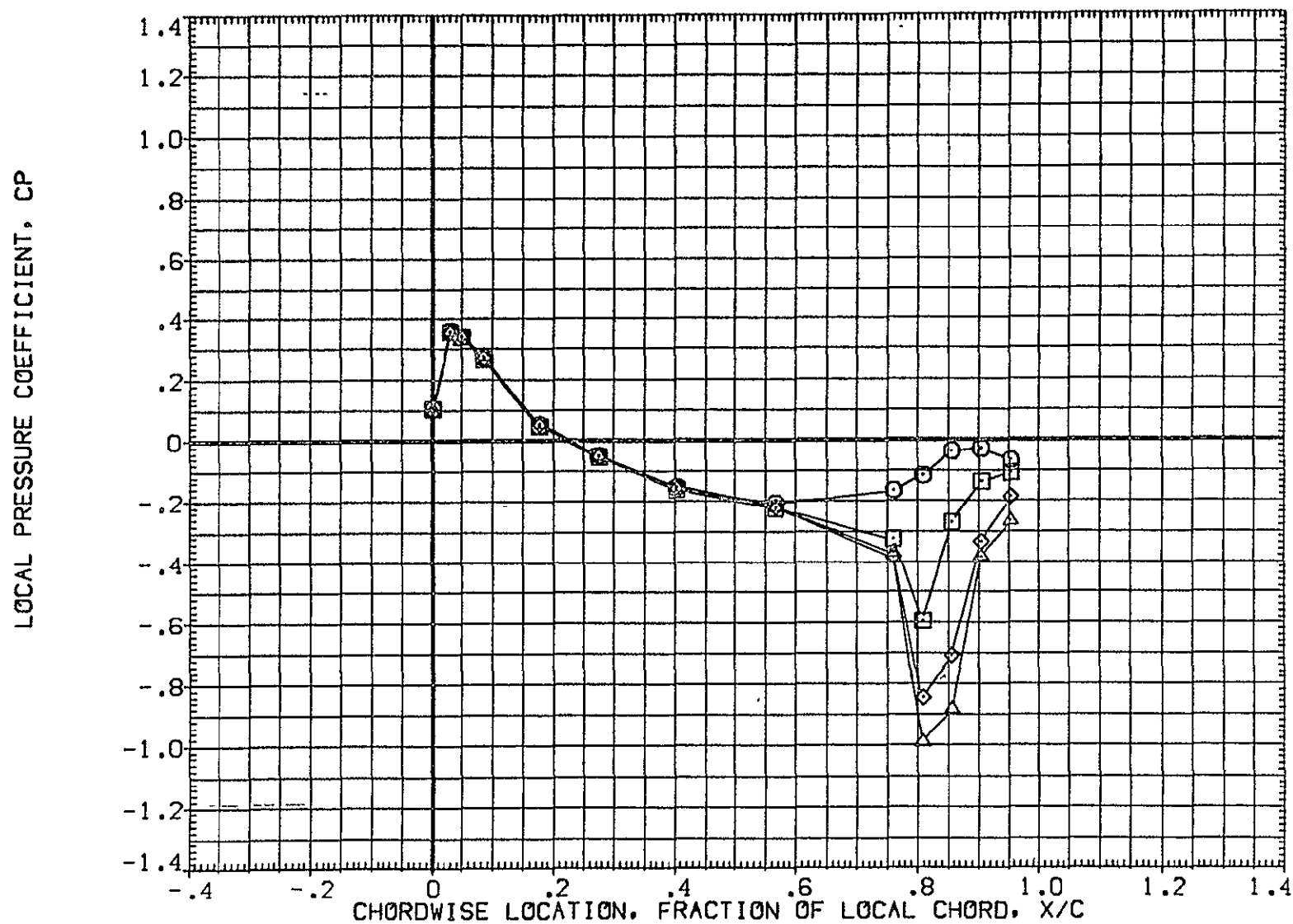


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	□ 1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	□ 1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	◇ 1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	△ 1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

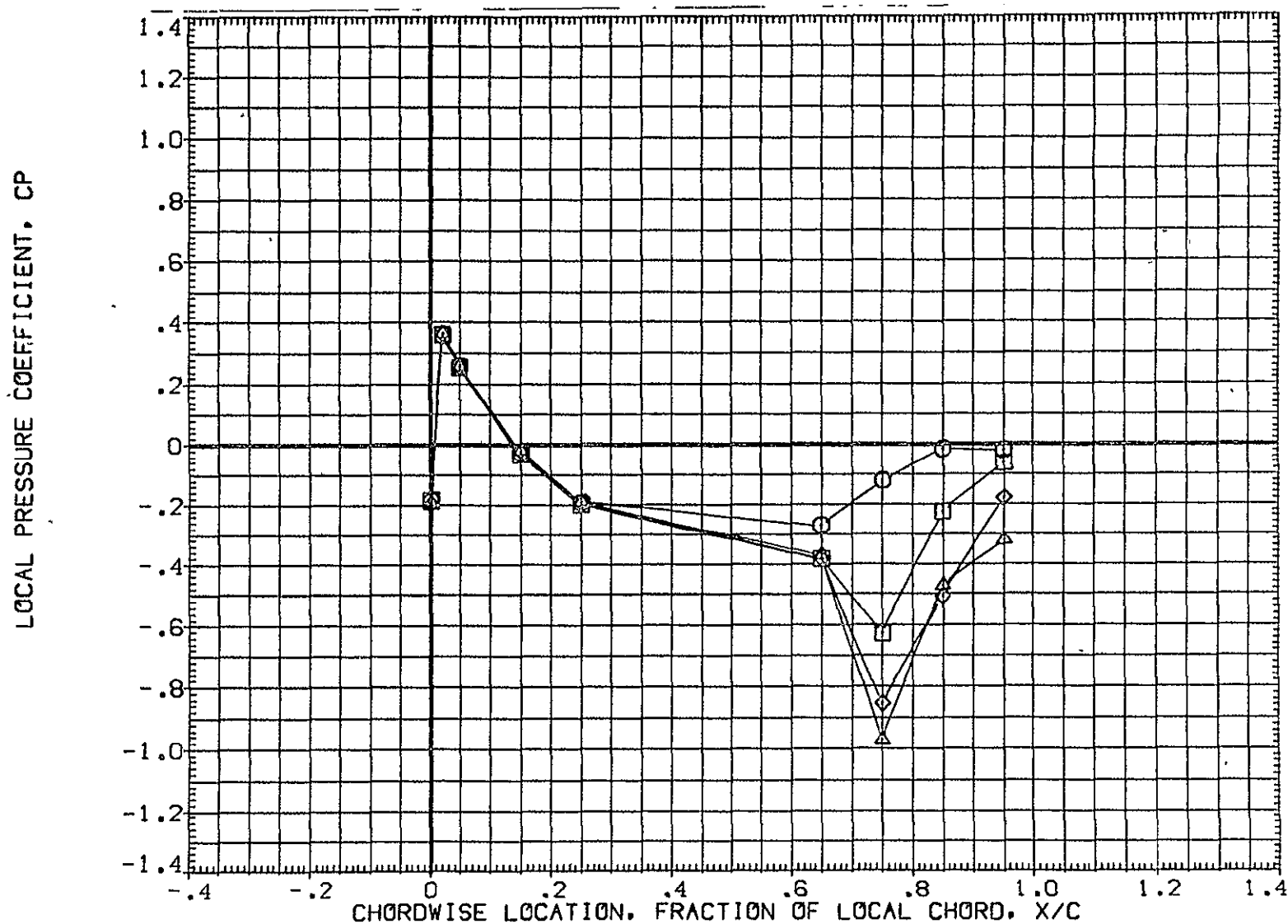


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -8.000 2Y/B = .771 PAGE 846

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U46]	○	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U51]	□	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U56]	◇	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U61]	△	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

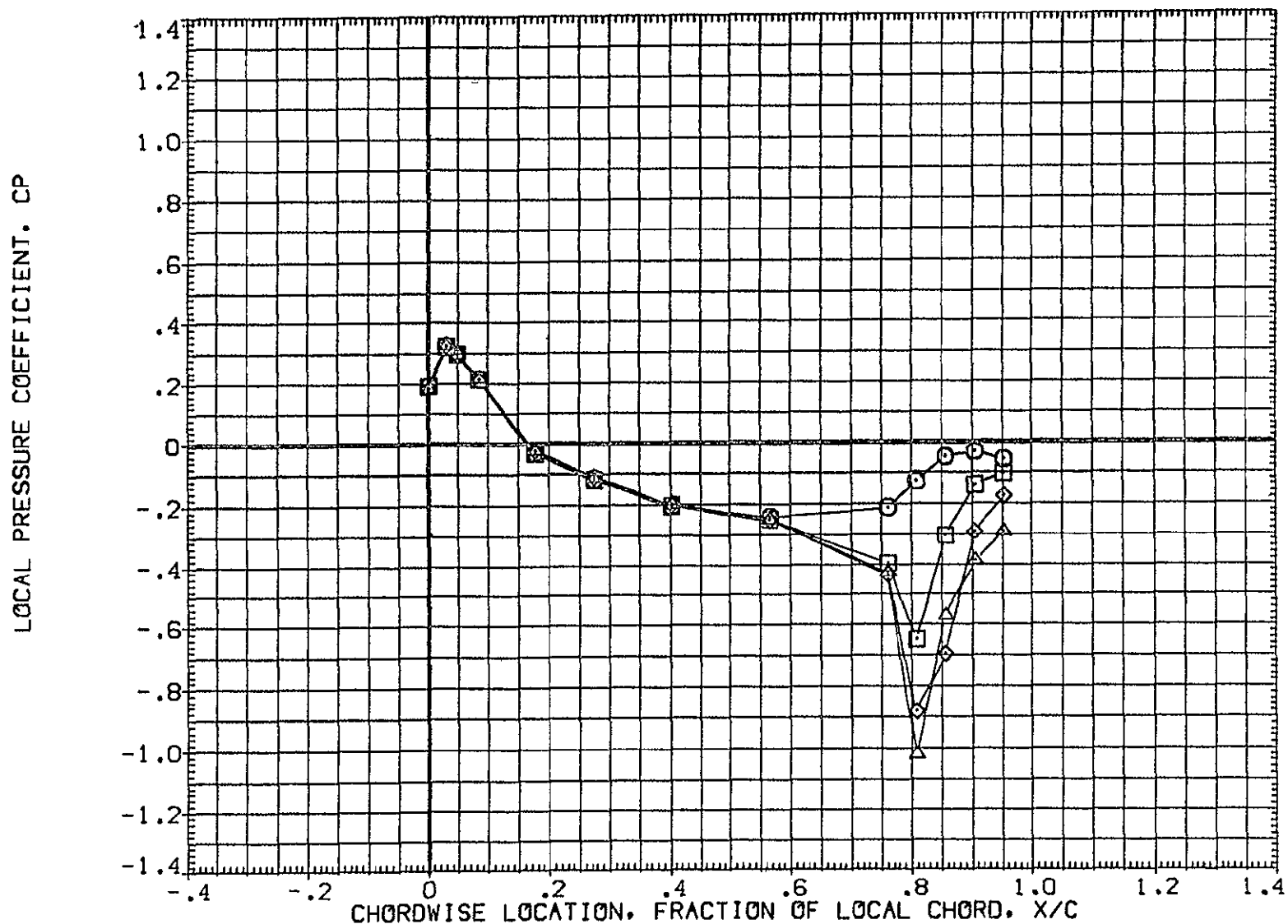


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -6.000 2Y/B = .436



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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

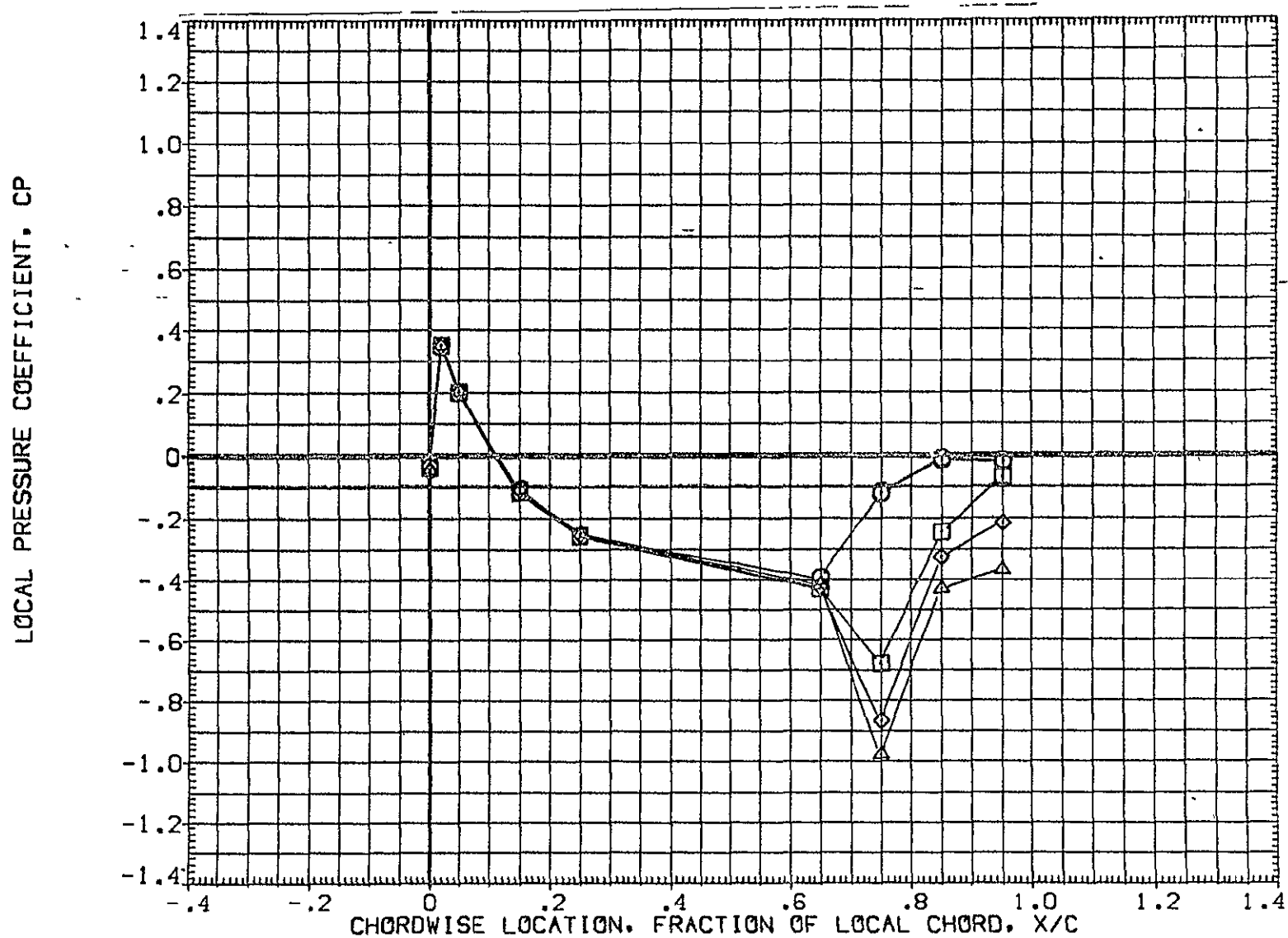


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -6.000 2Y/B = .771 PAGE 848

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

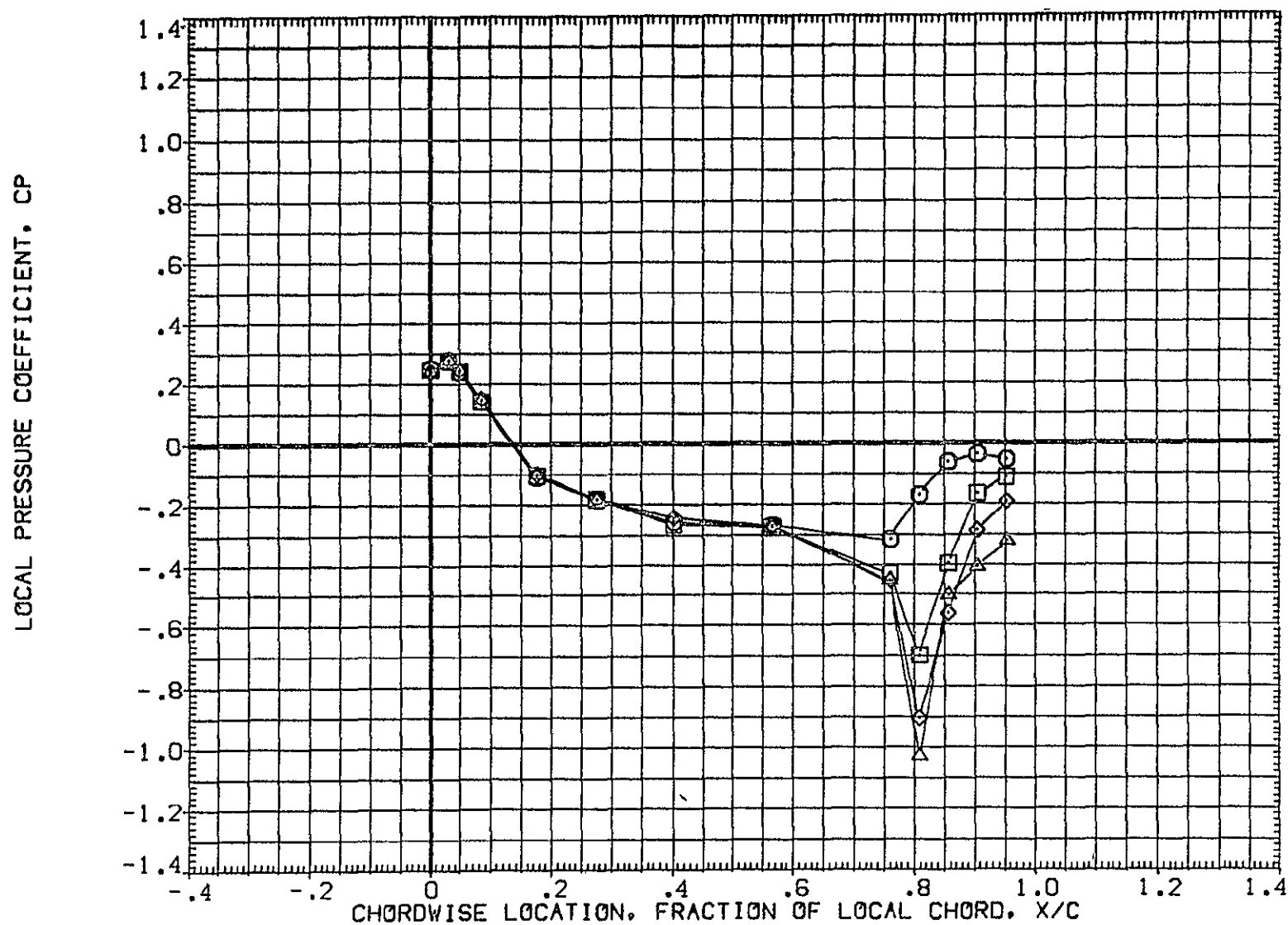


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

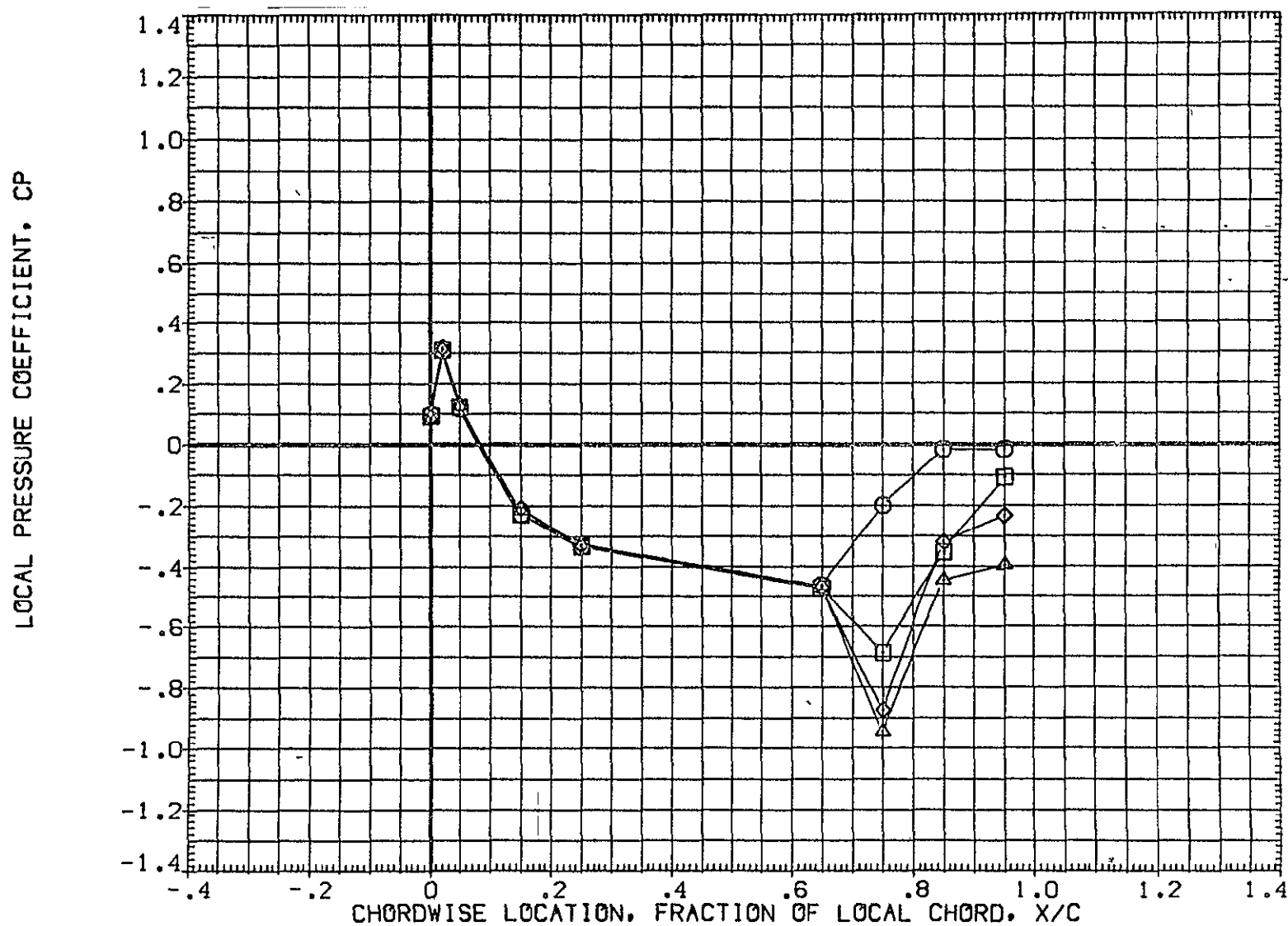


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -4.000 2Y/B = .771 PAGE 850

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

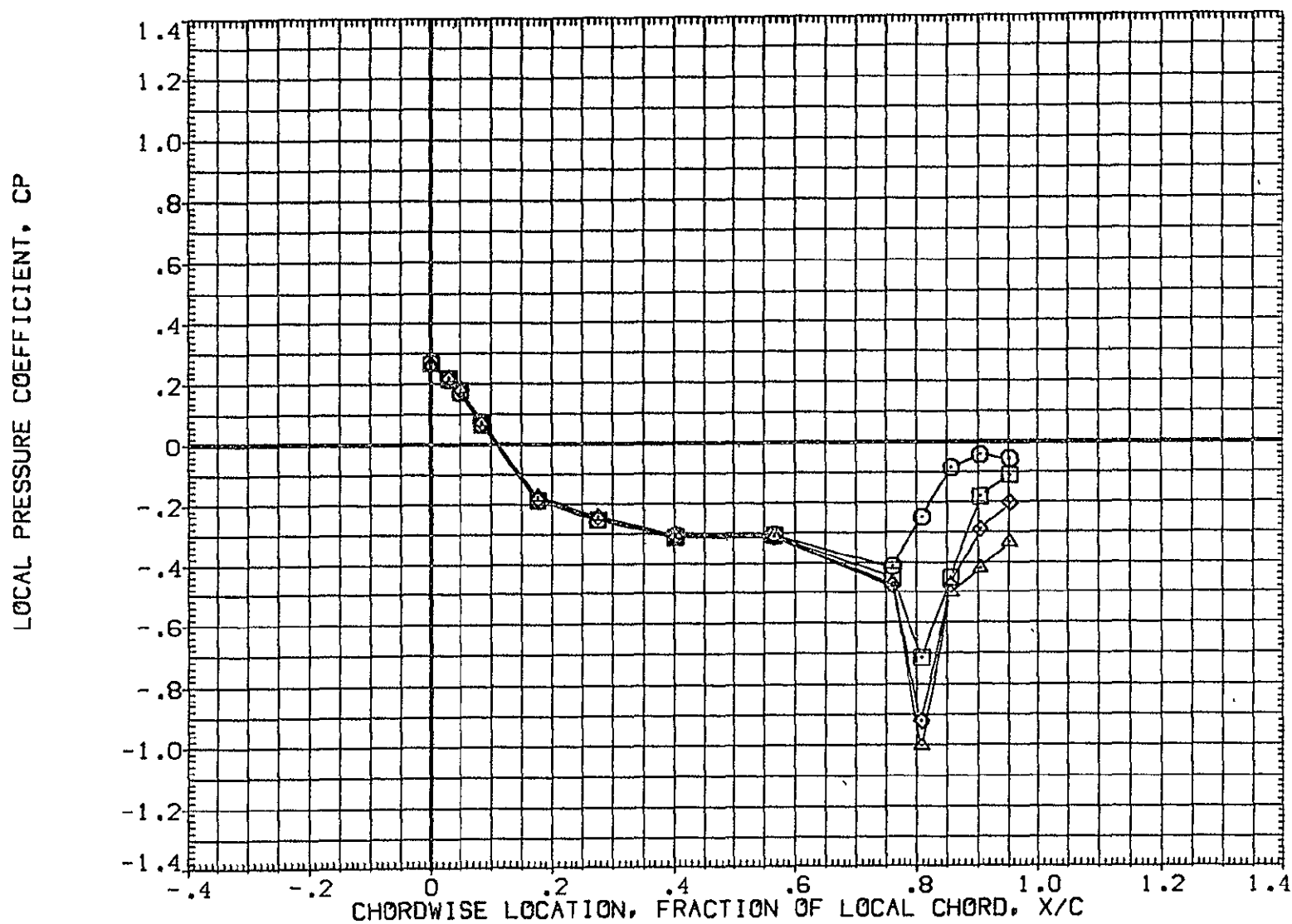


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -2.000 2Y/B = .436 PAGE 851

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

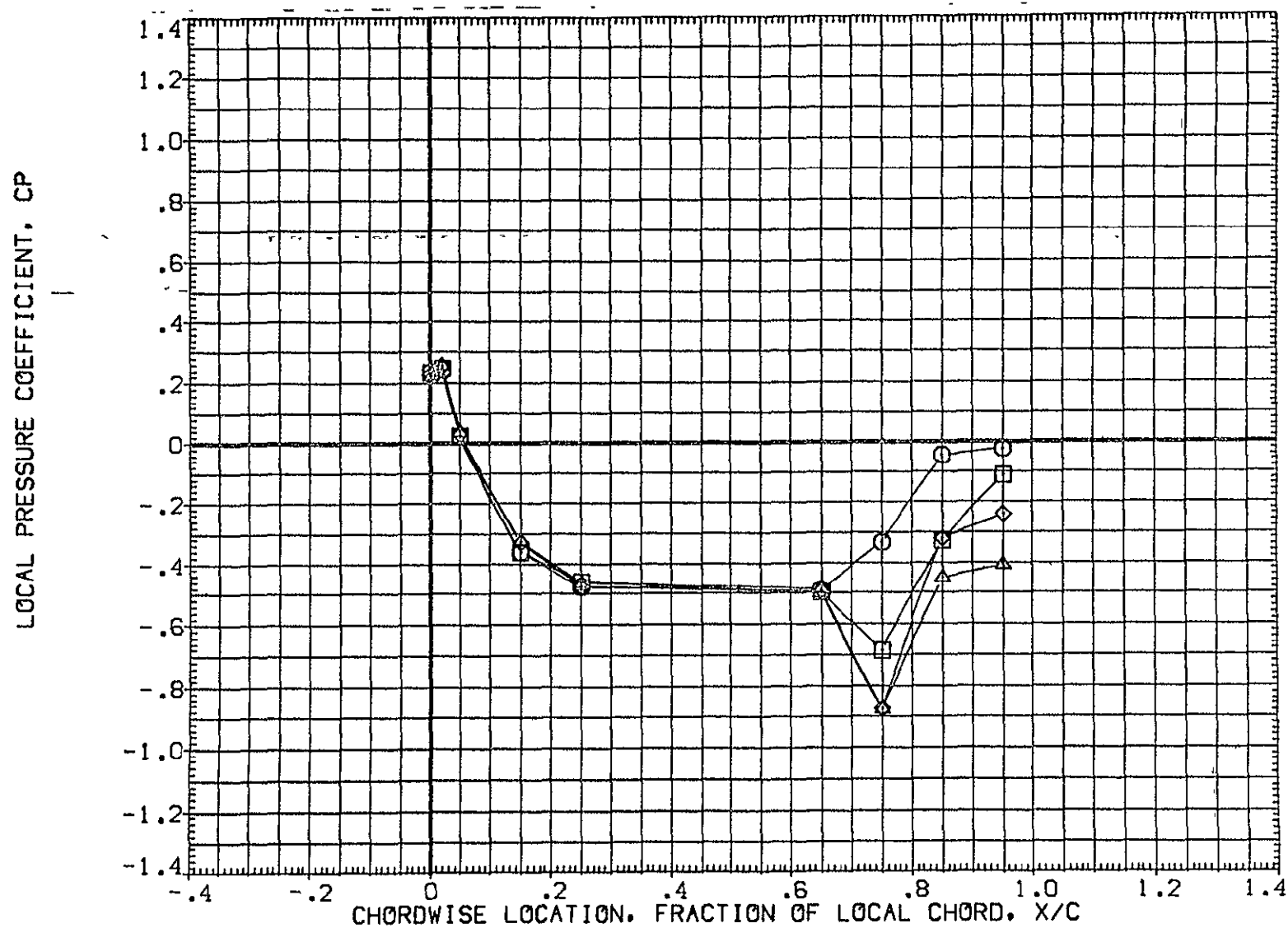


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -2.000 2Y/B = .771 PAGE 852

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

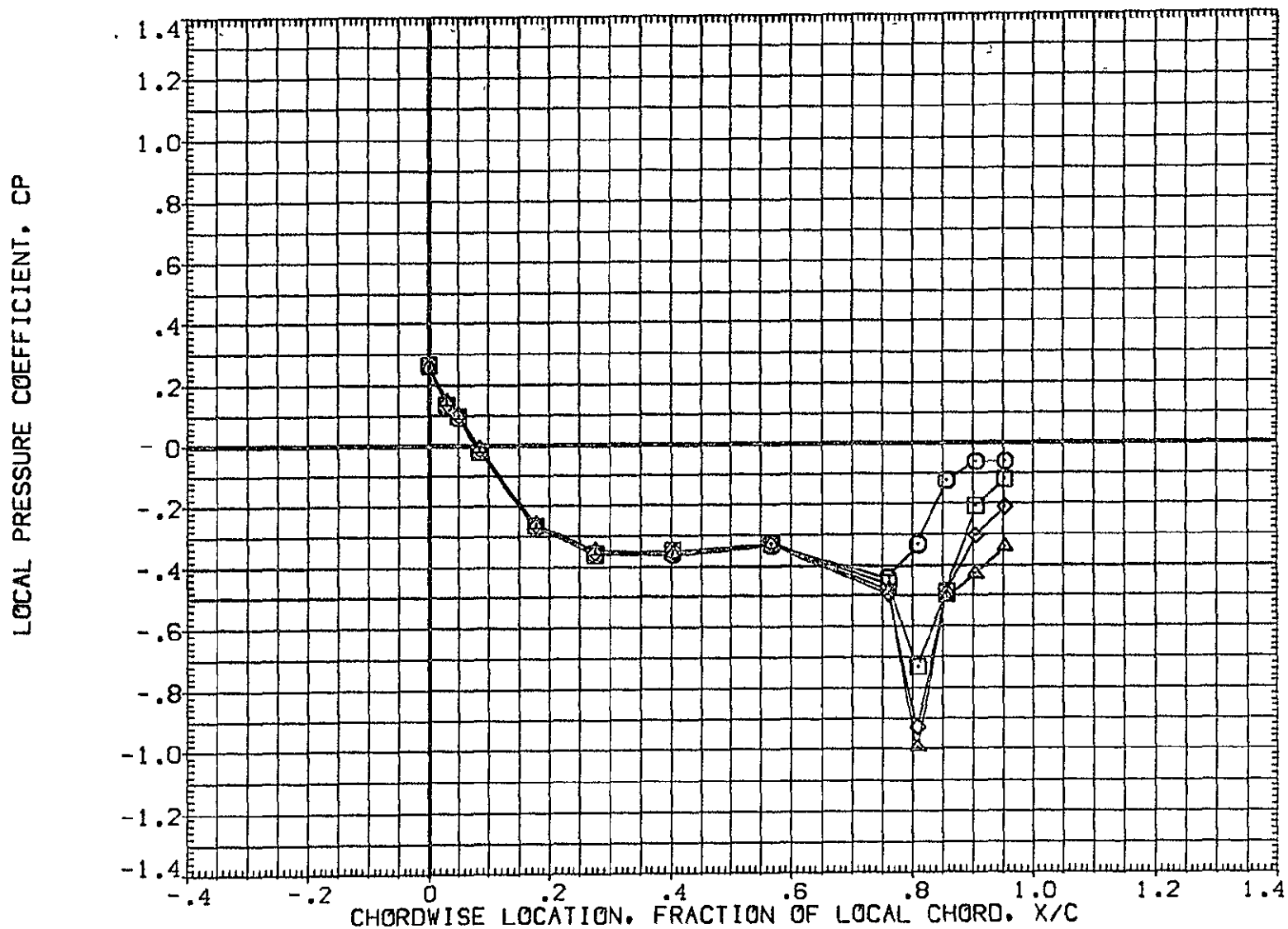


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

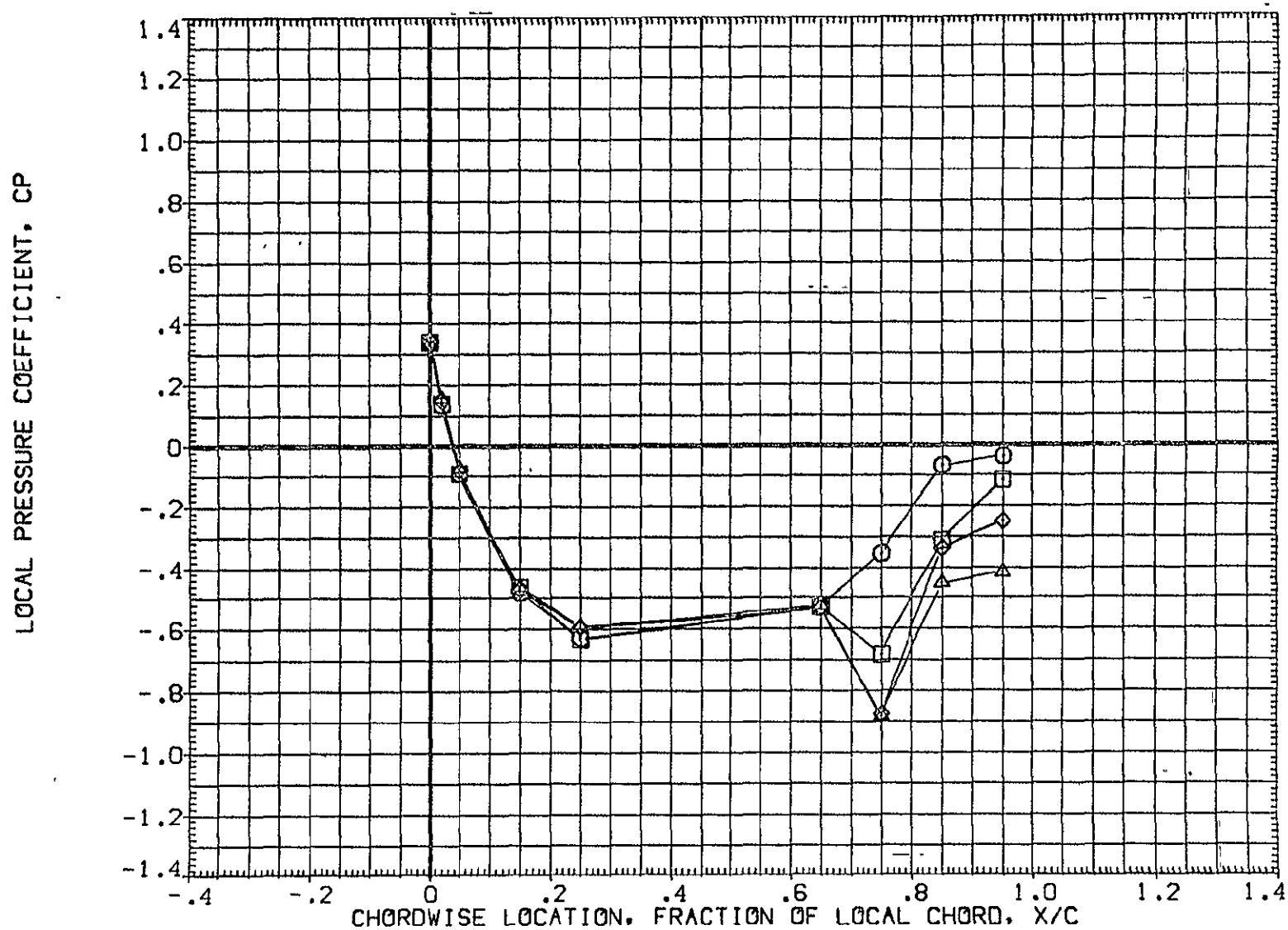


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = .000 2Y/B = .771 PAGE 854

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

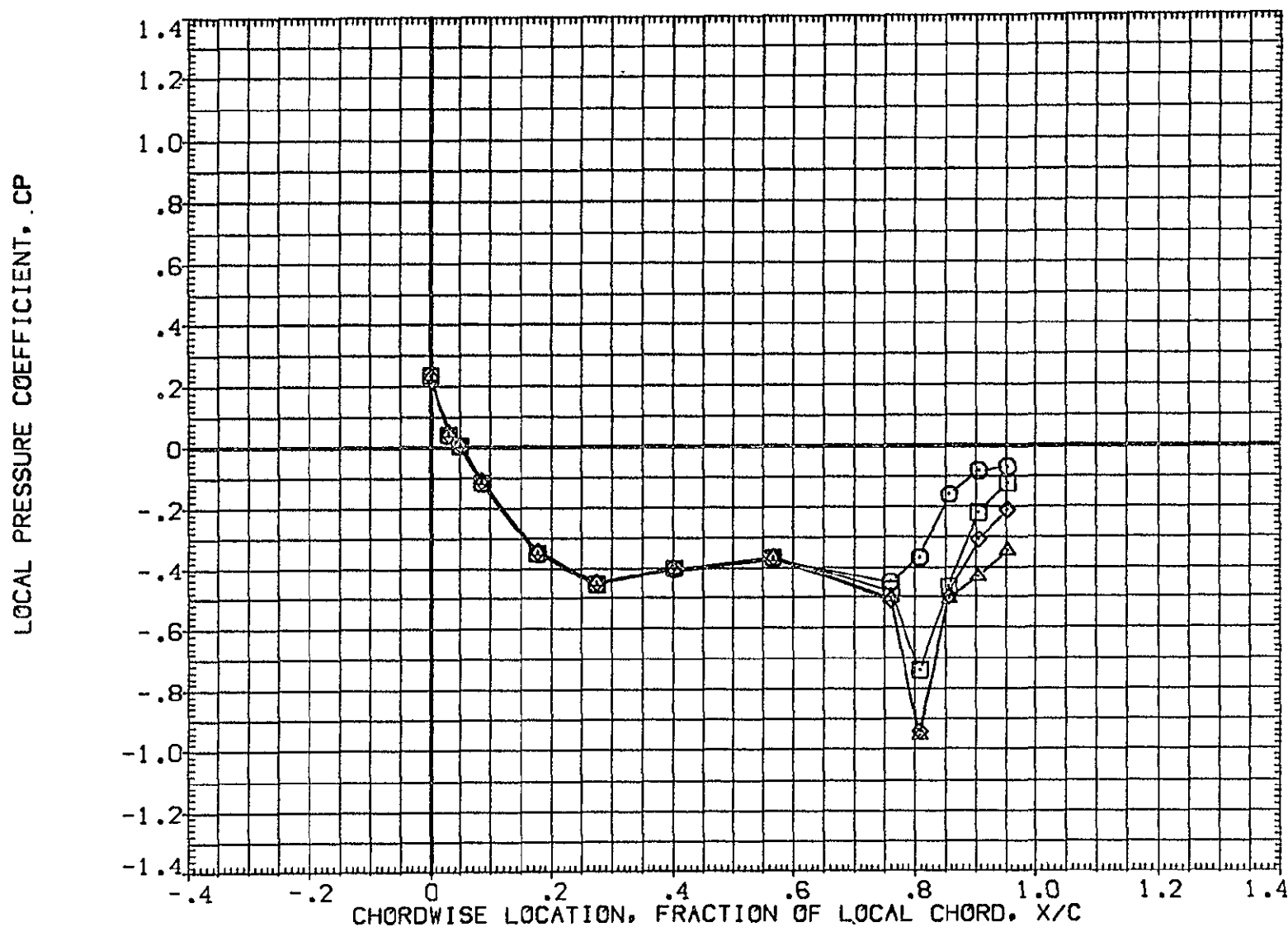


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 2.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

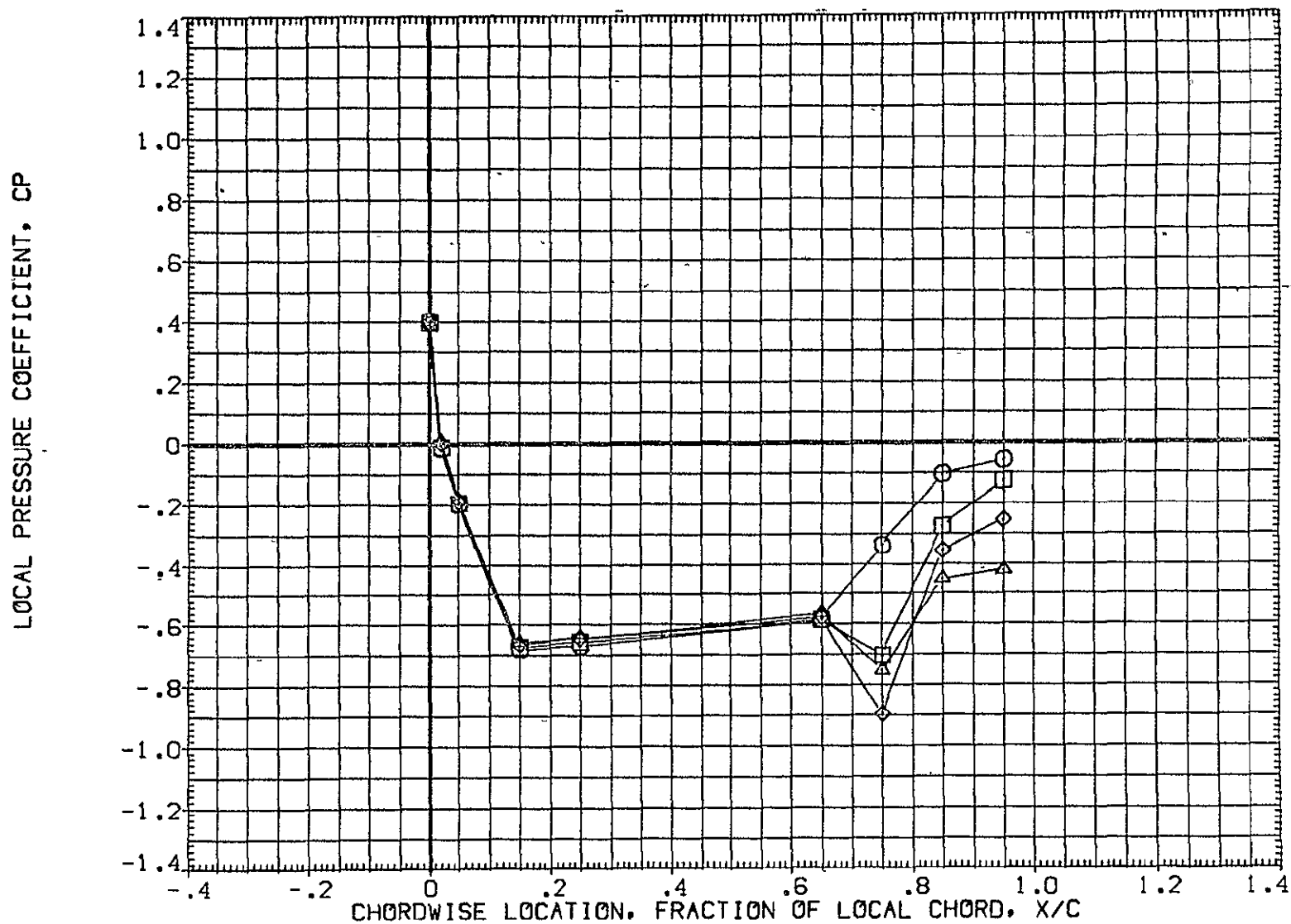


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 2.000 2Y/B = .771 PAGE 856

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U46]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U51]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U56]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U61]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

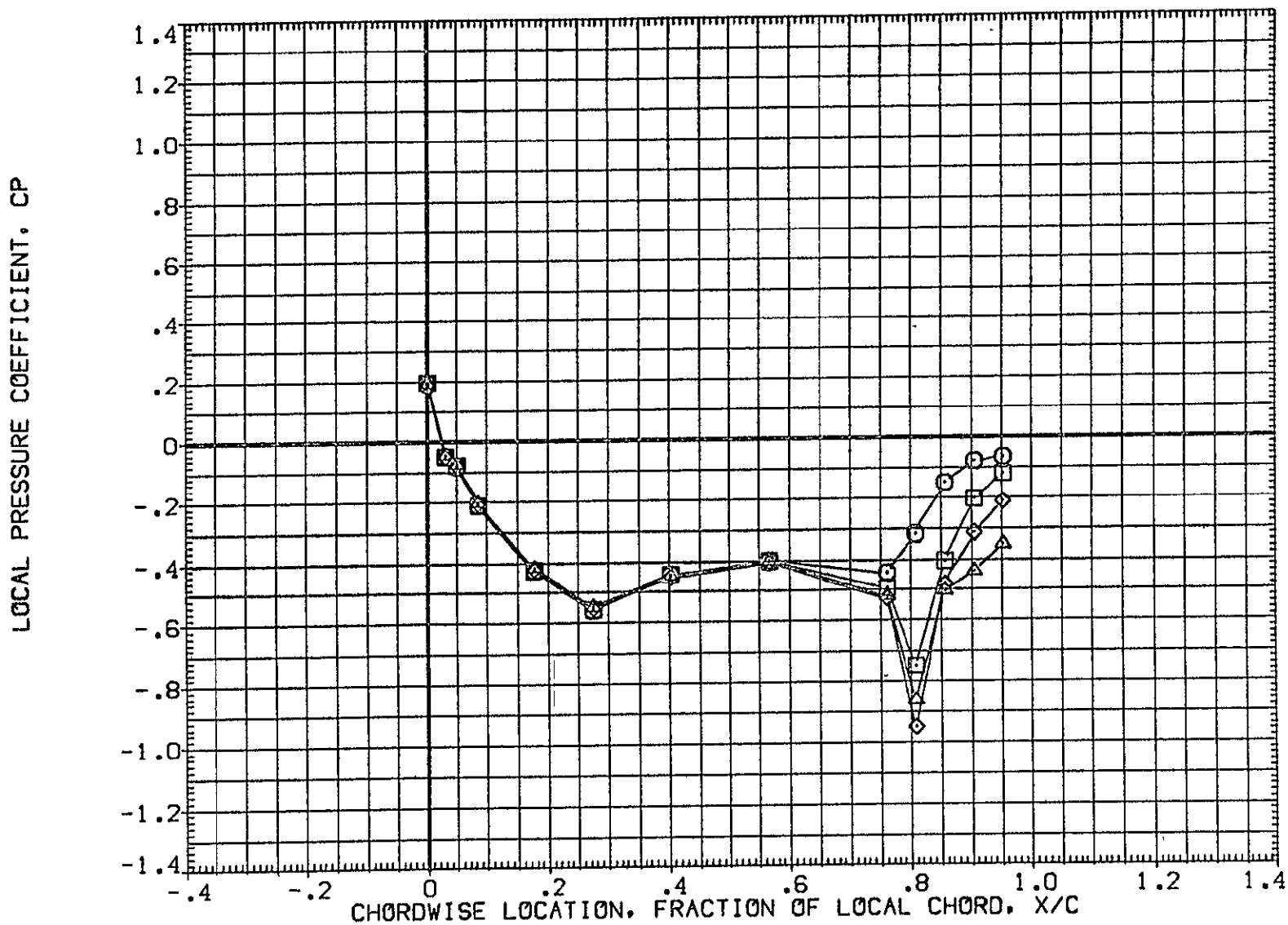


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 4.000 2Y/B = .436 PAGE 857

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

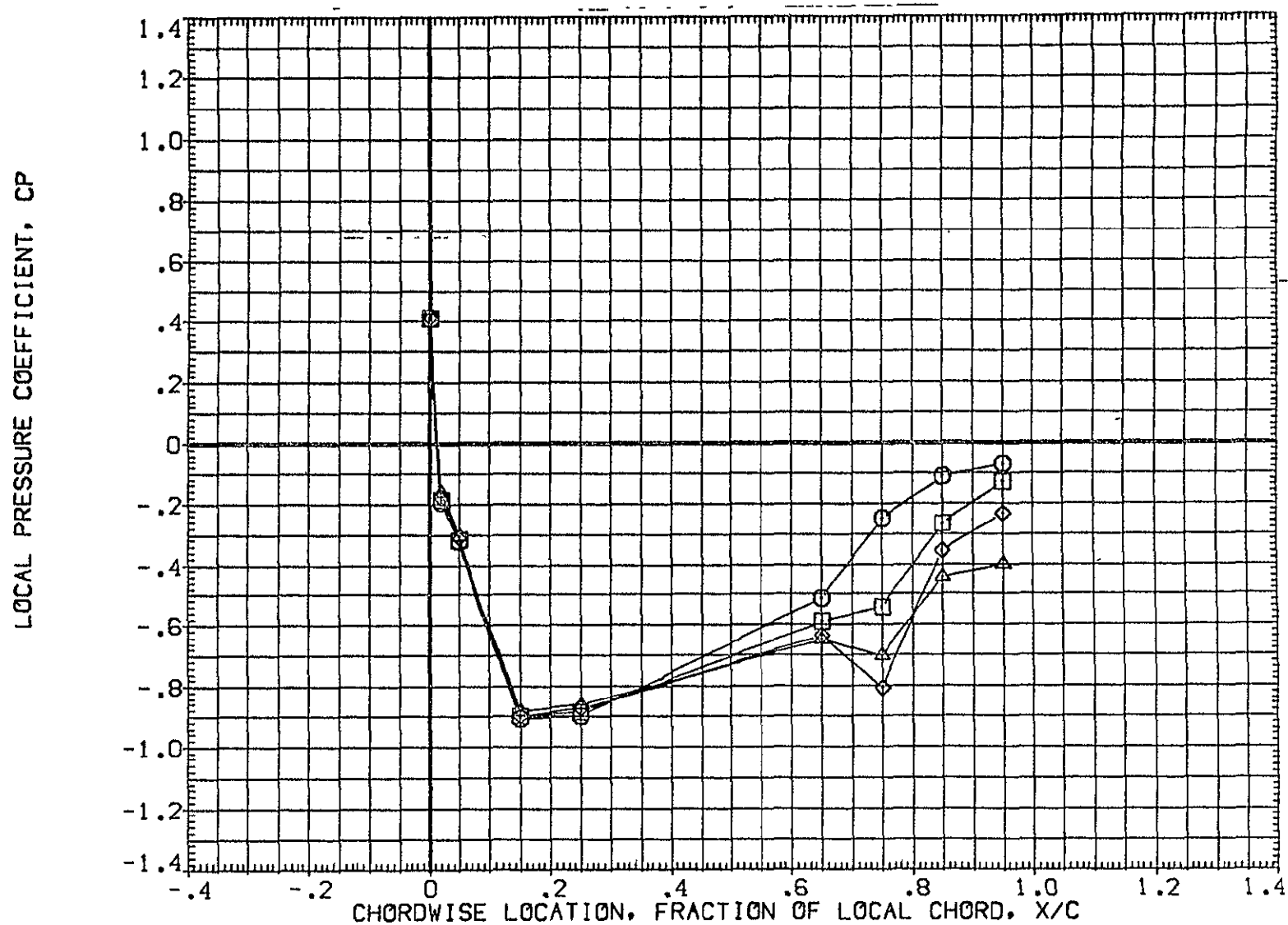


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	○	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	□	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	◇	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	△	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

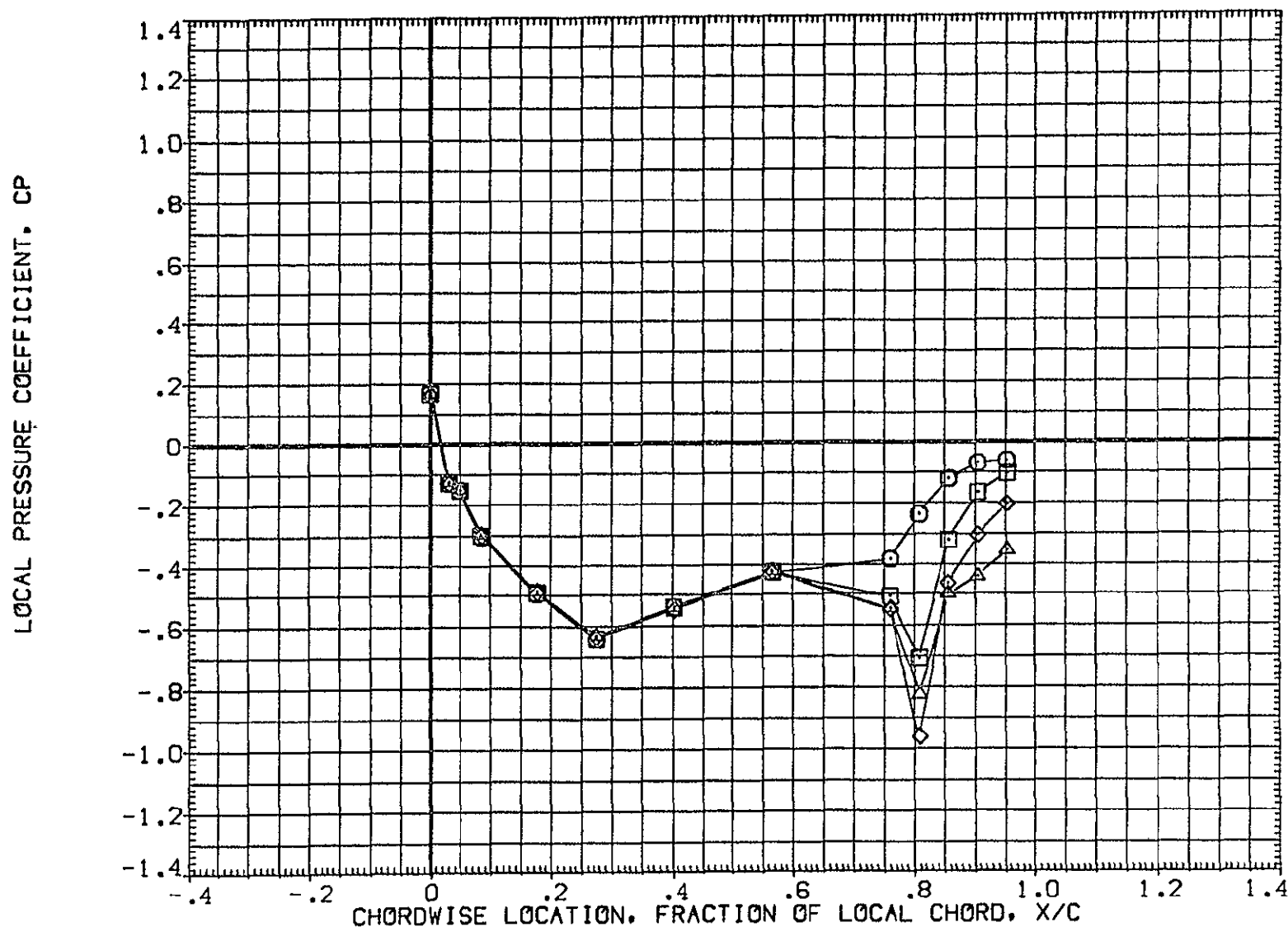


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

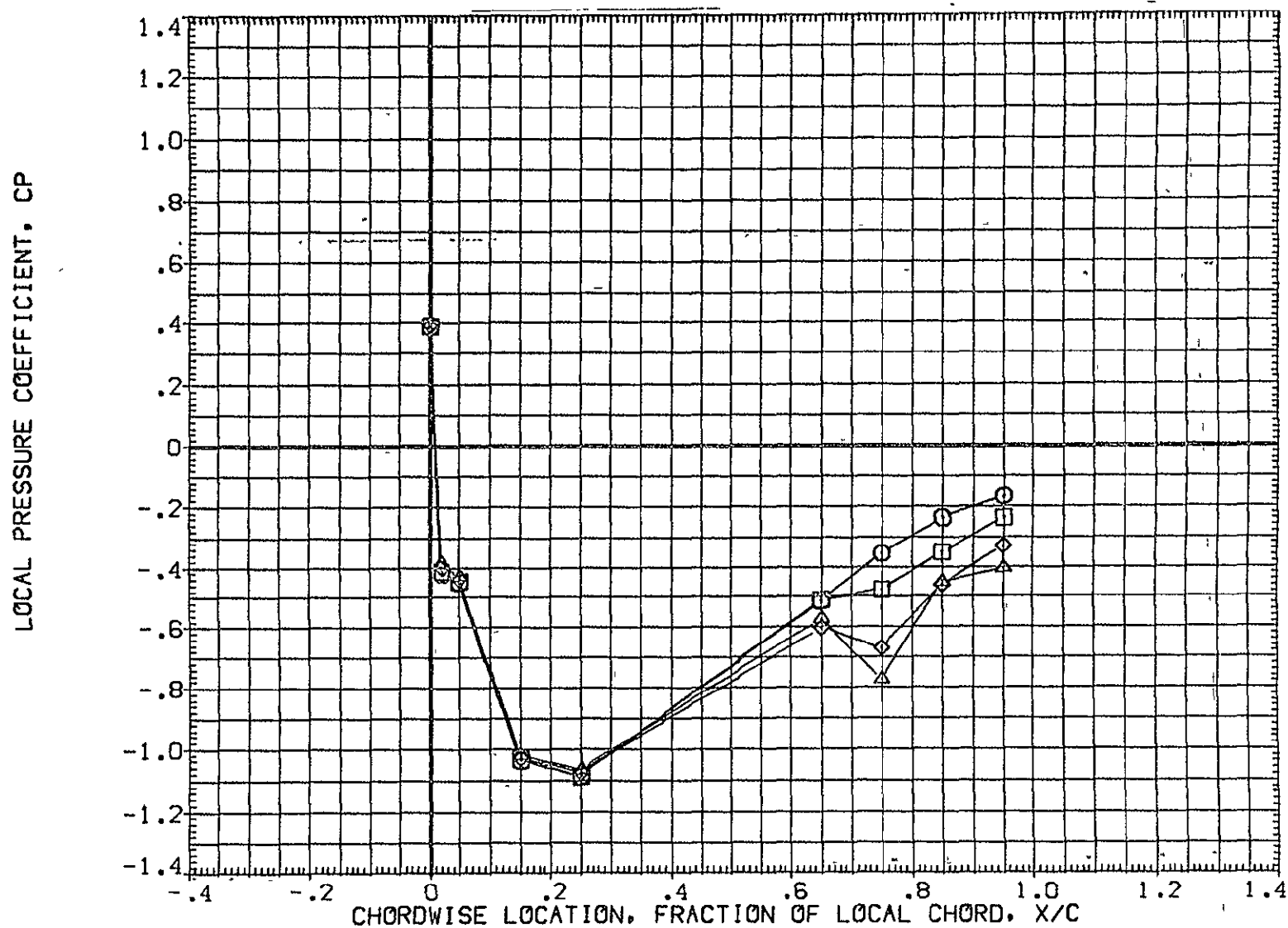


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 6.000 2Y/B = .771 PAGE 860

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

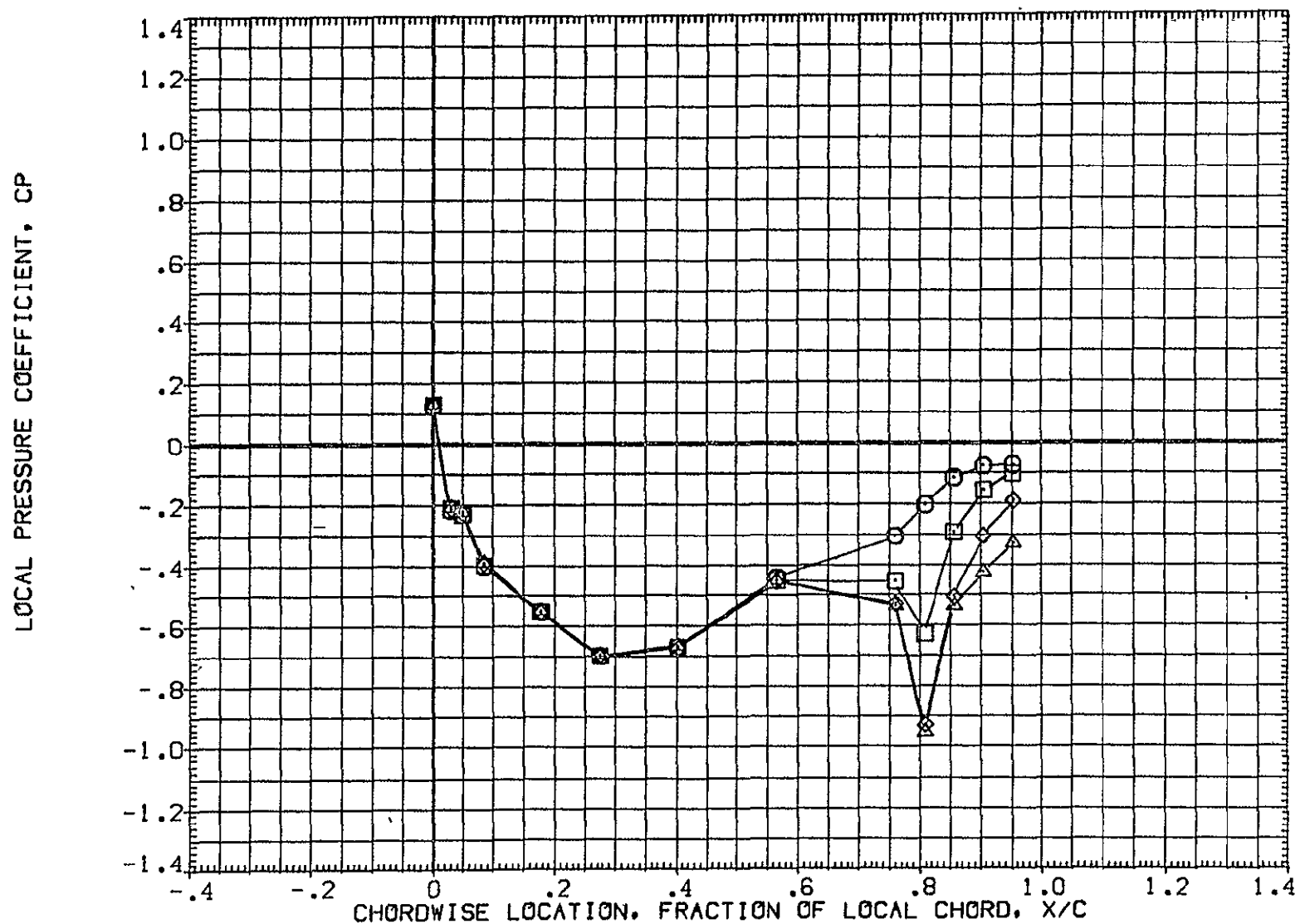


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 8.000 2Y/B = .436 PAGE 861

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U46]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U51]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U56]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U61]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

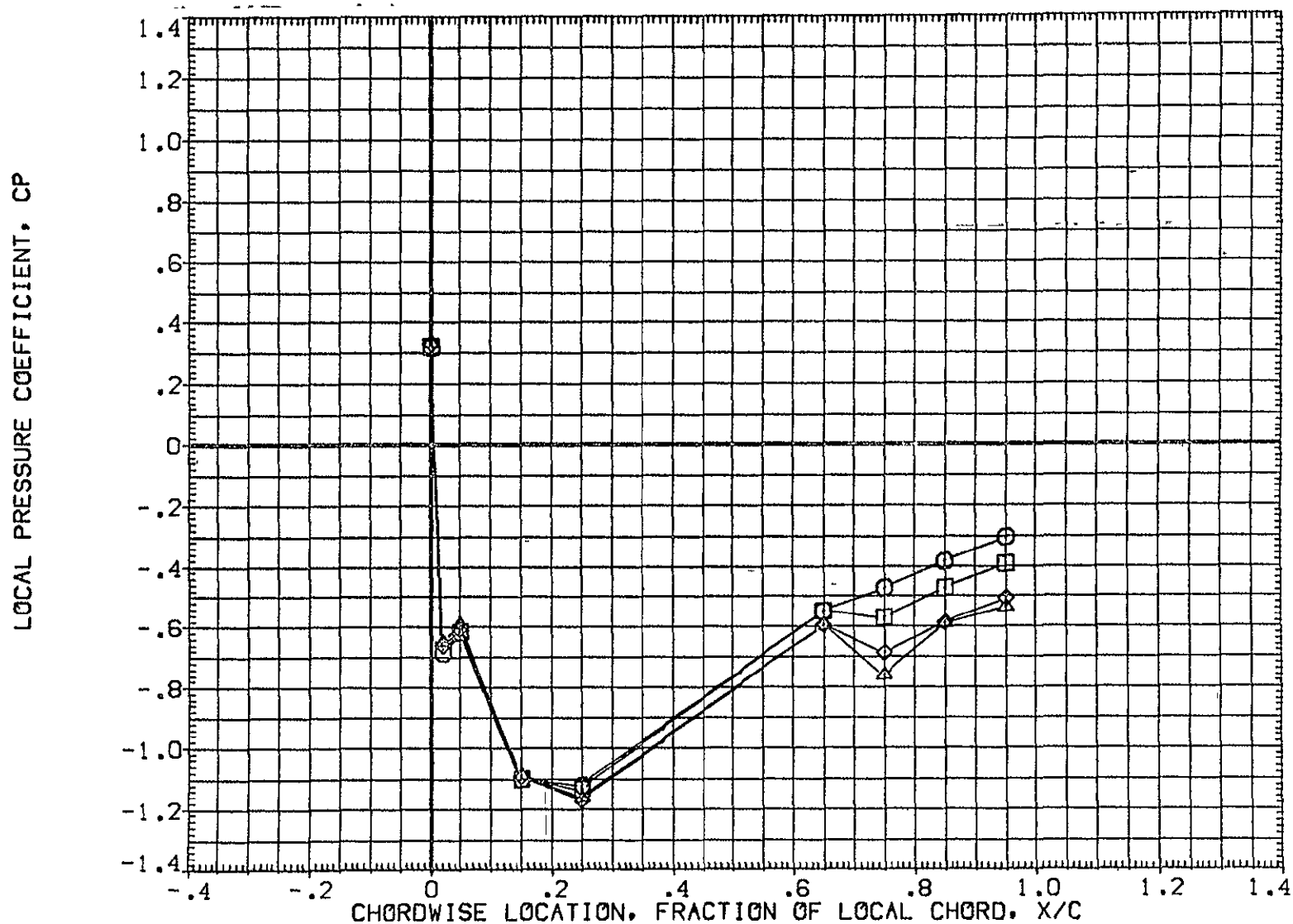


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

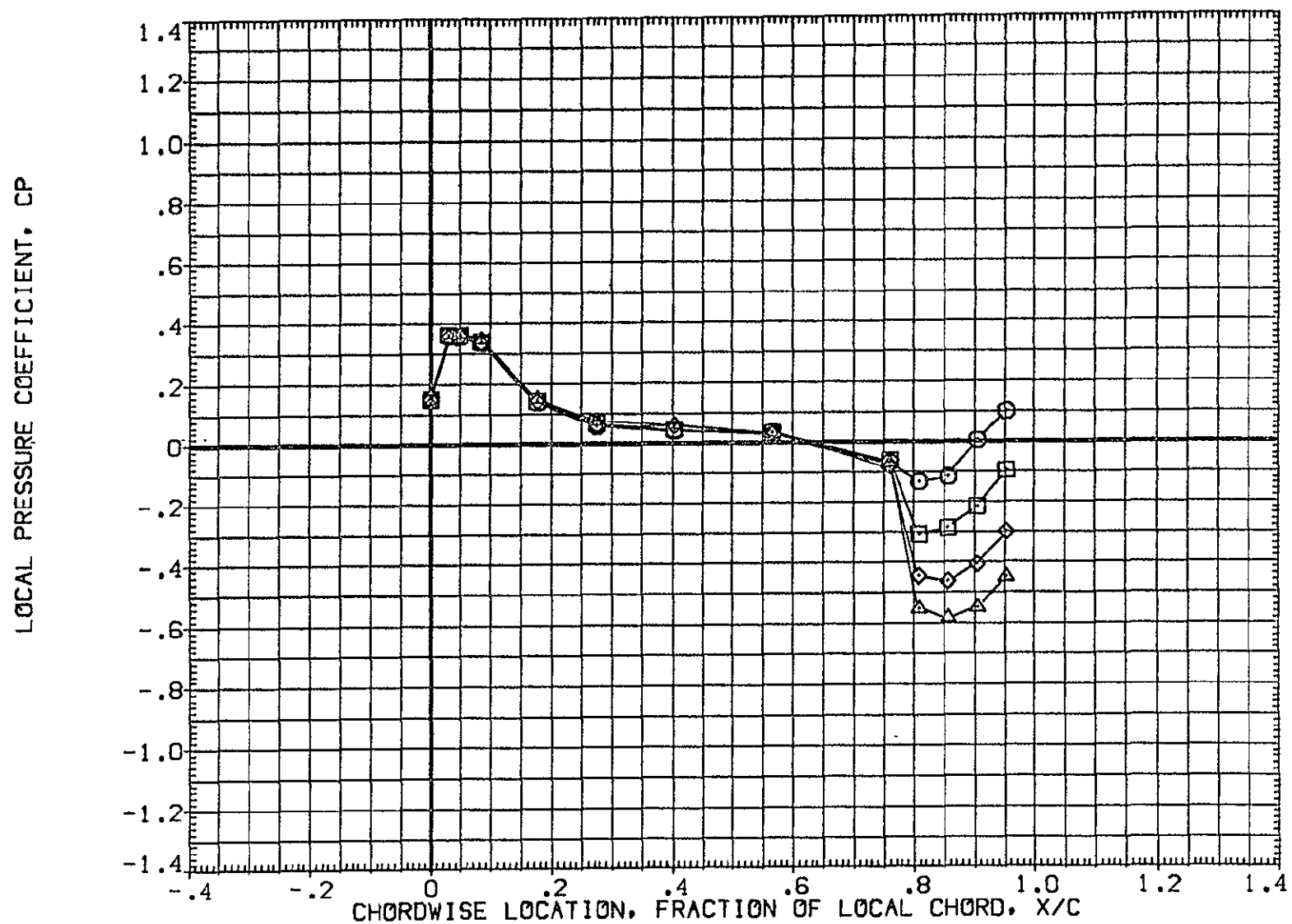


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -8.000 2Y/B = .436 PAGE 863



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

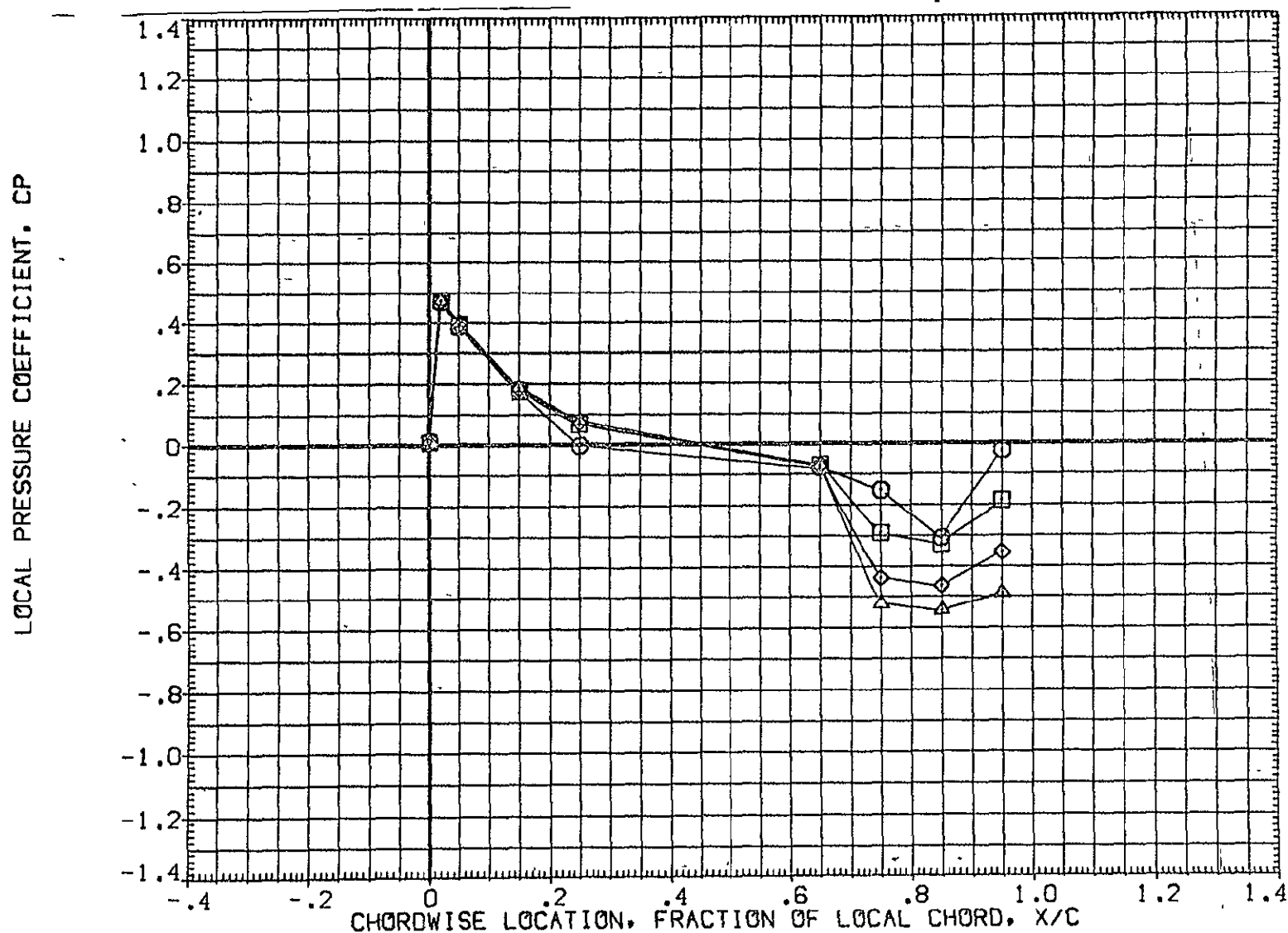


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -8.000 2Y/B = .771 PAGE 864

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

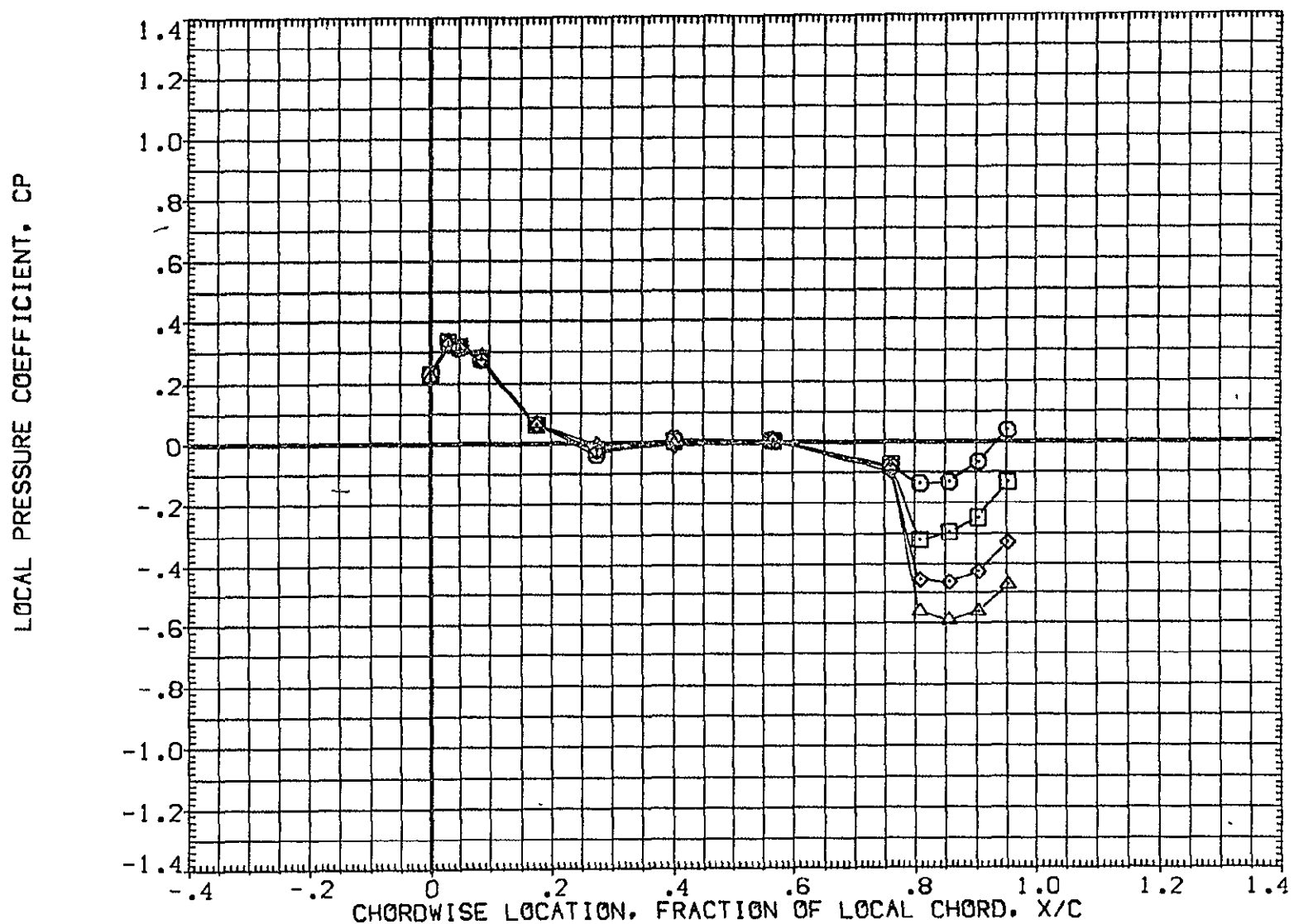


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -6.000 2Y/B = .436 PAGE 865

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

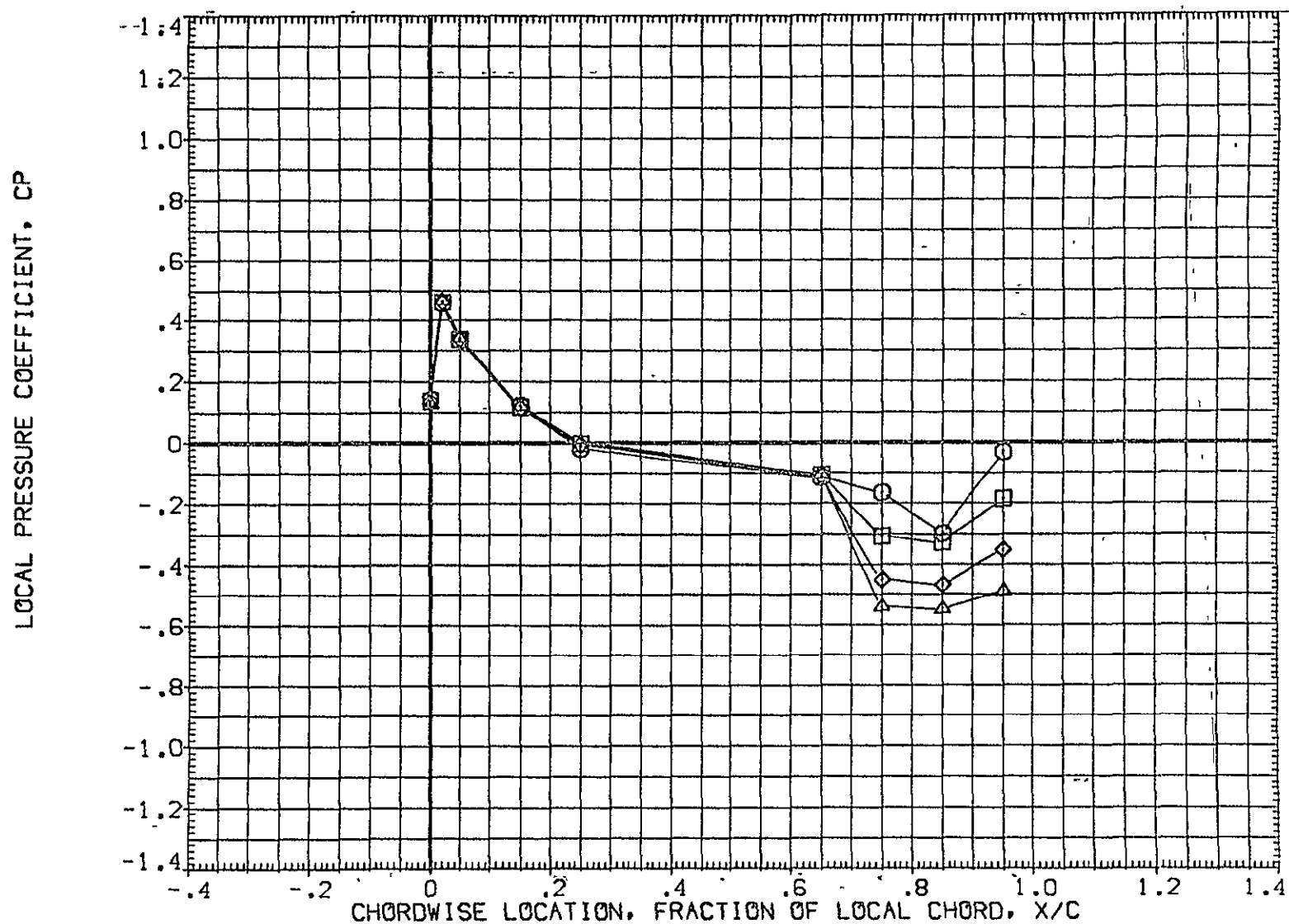


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -6.000 2Y/B = .771 PAGE 866

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

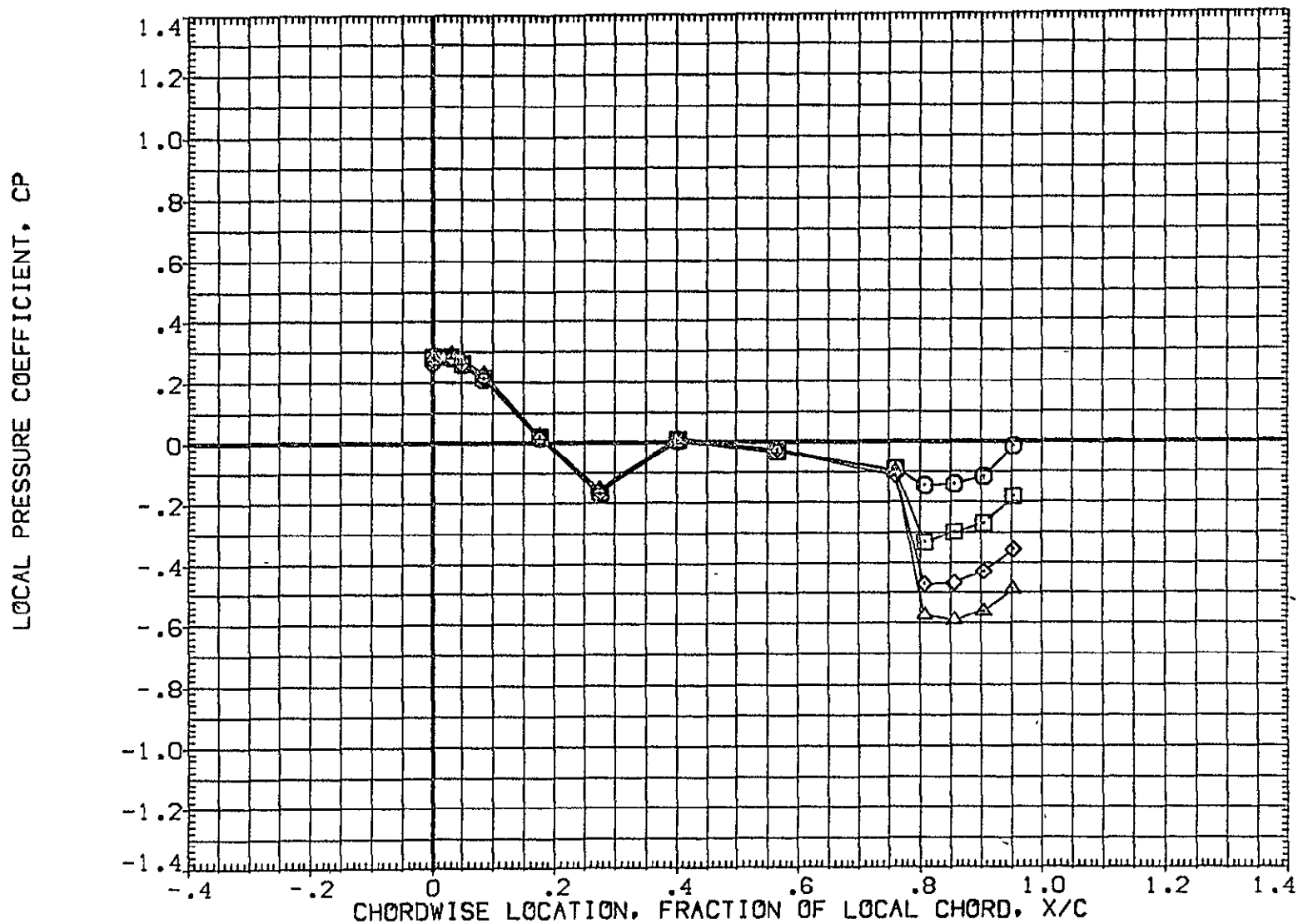


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -4.000 2Y/B = .436 PAGE 867

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

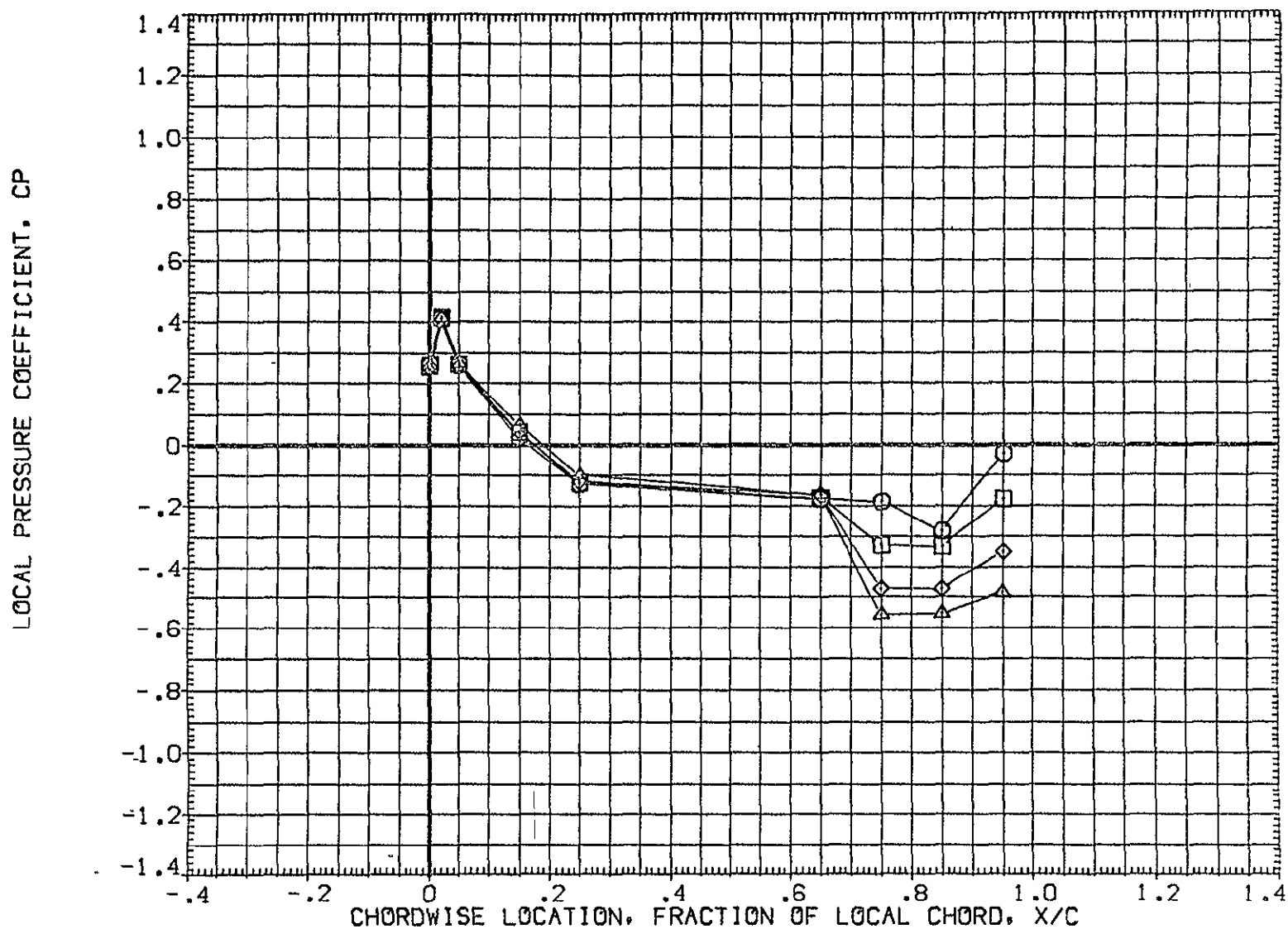


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -4.000 2Y/B = .771 PAGE 868

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

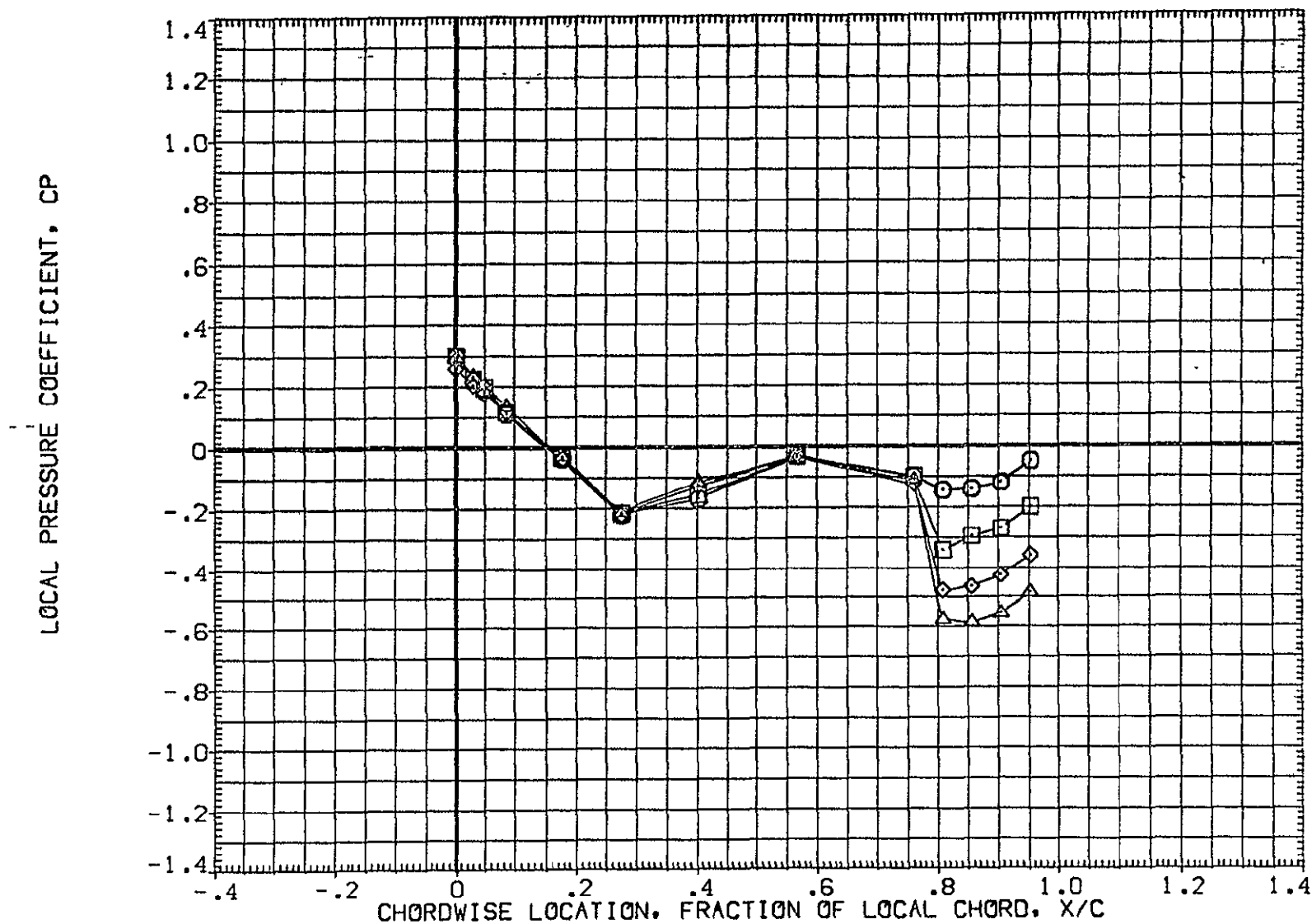


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

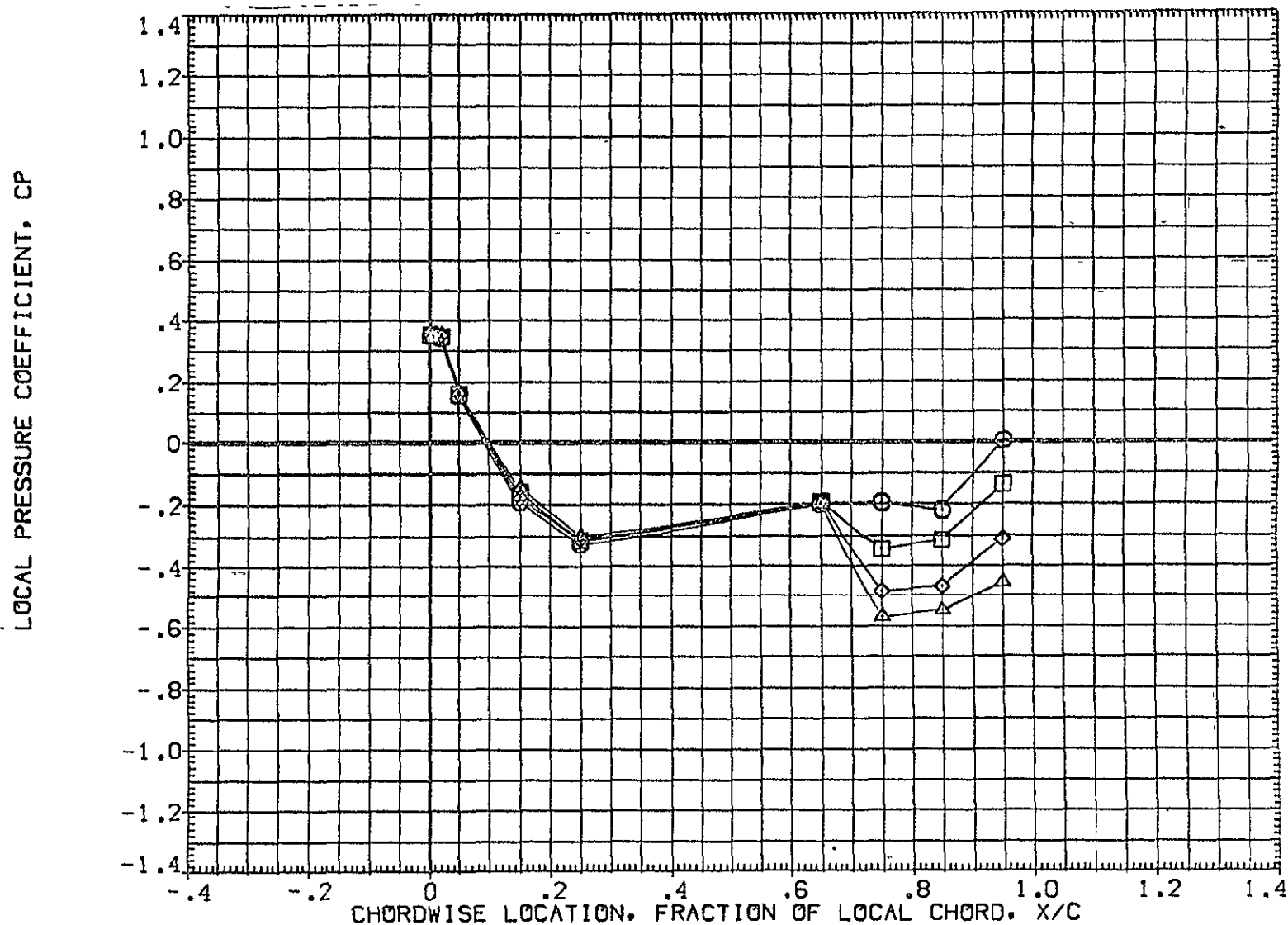


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -2.000 2Y/B = .771 PAGE 870

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	○	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	□	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	◇	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	△	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

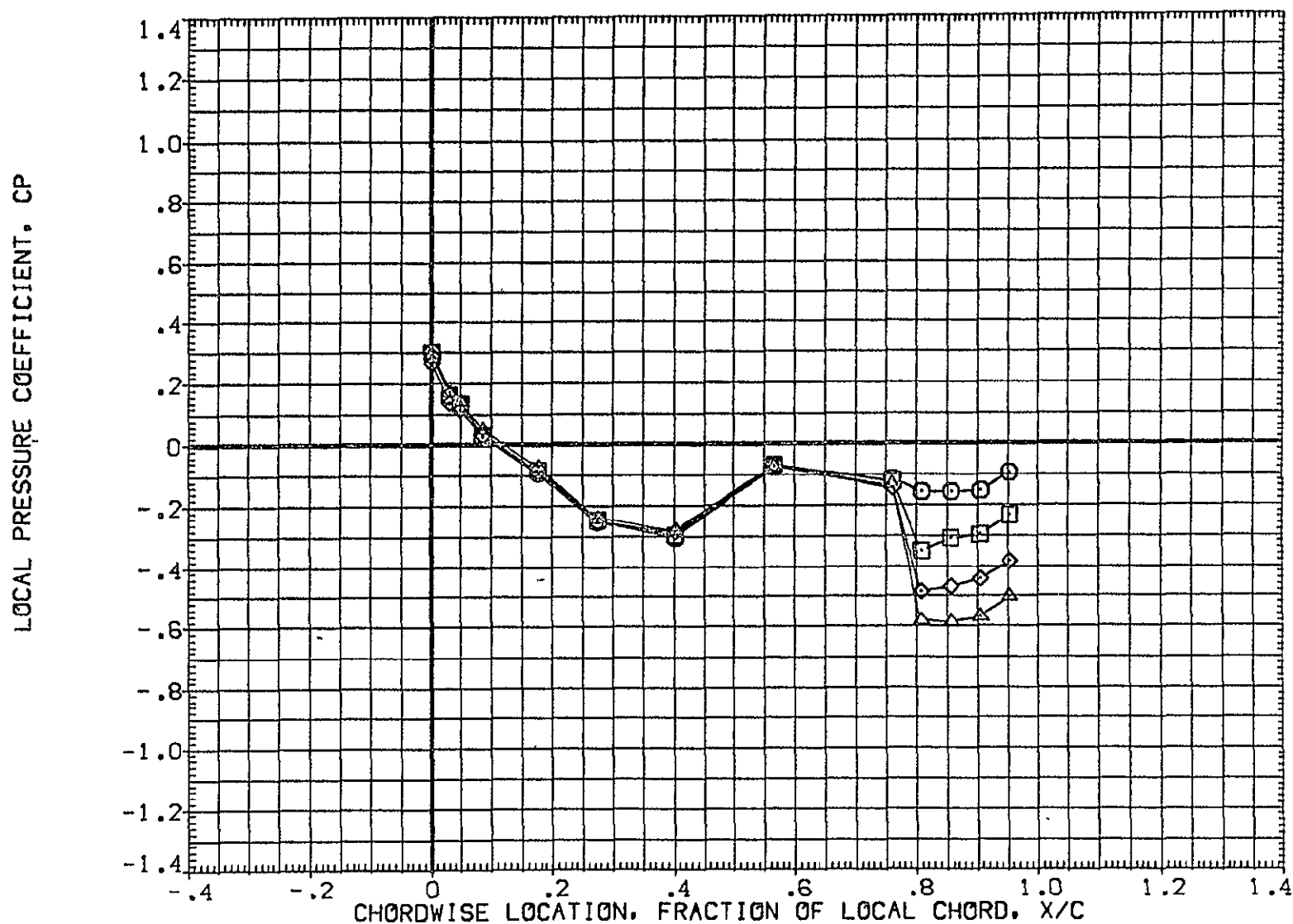


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = .000 2Y/B = .436 PAGE 871



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

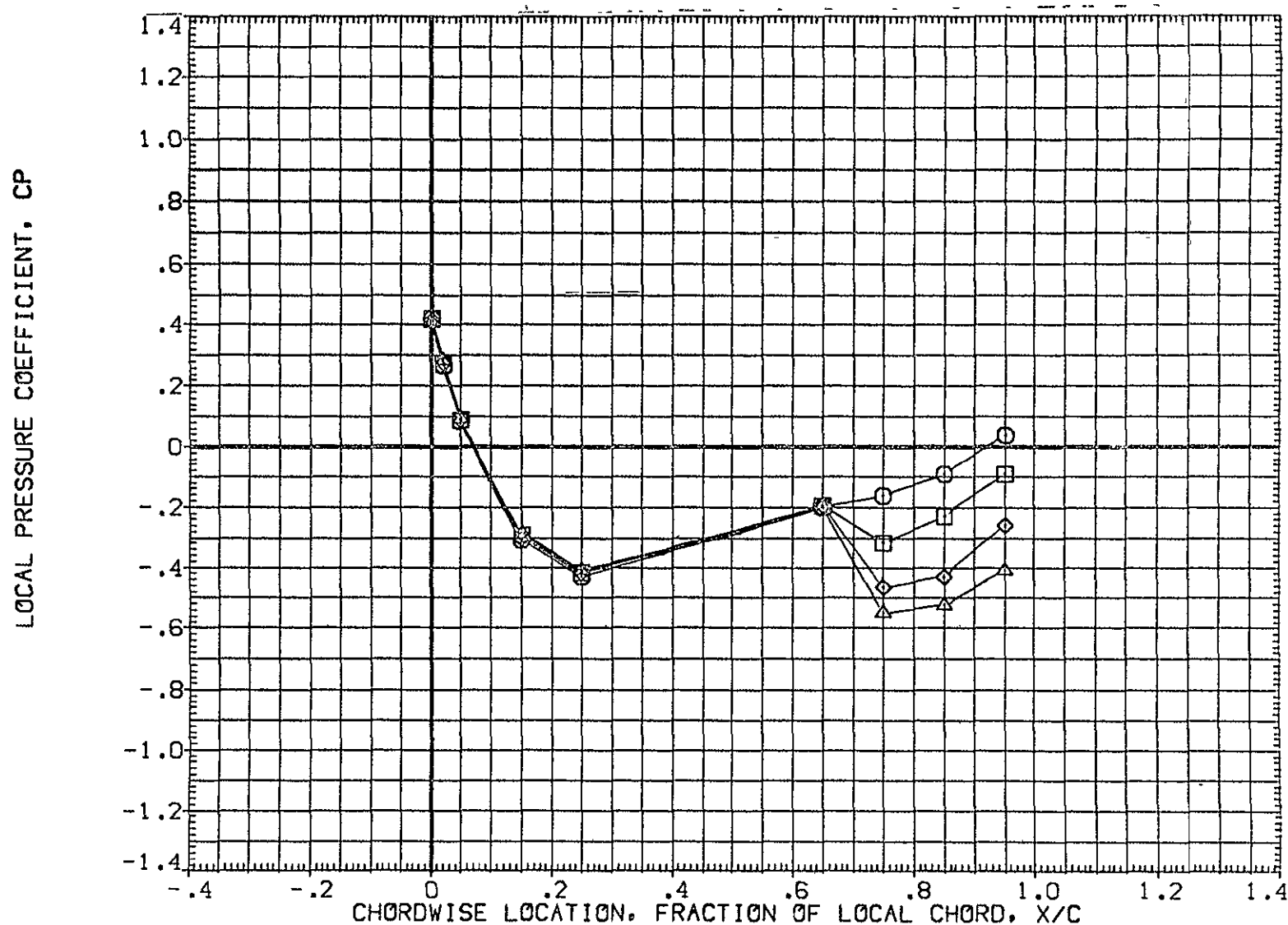


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = .000 2Y/B = .771 PAGE 872

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U4G}	○	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	□	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

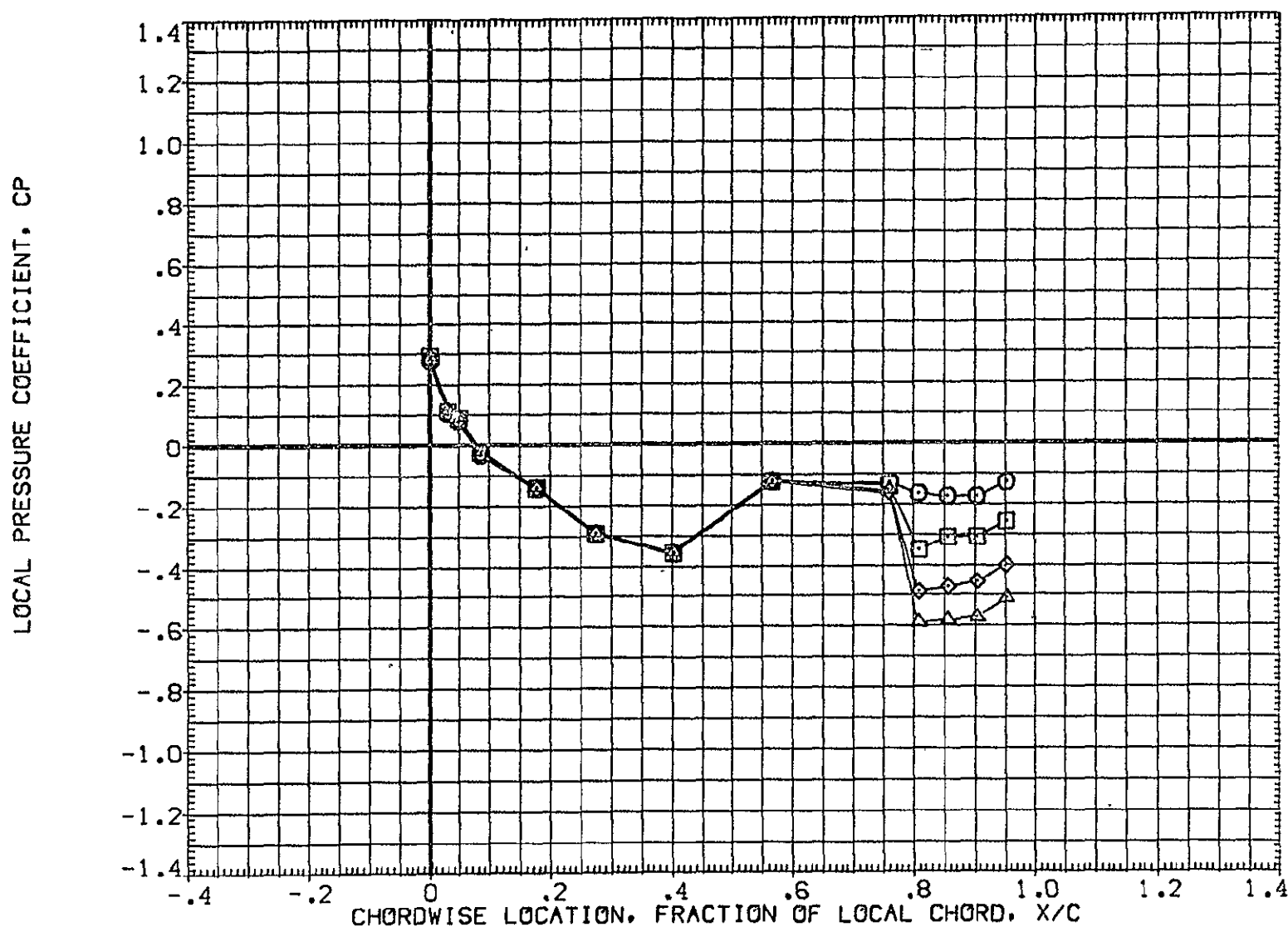


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 2.000 2Y/B = .436 PAGE 873

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

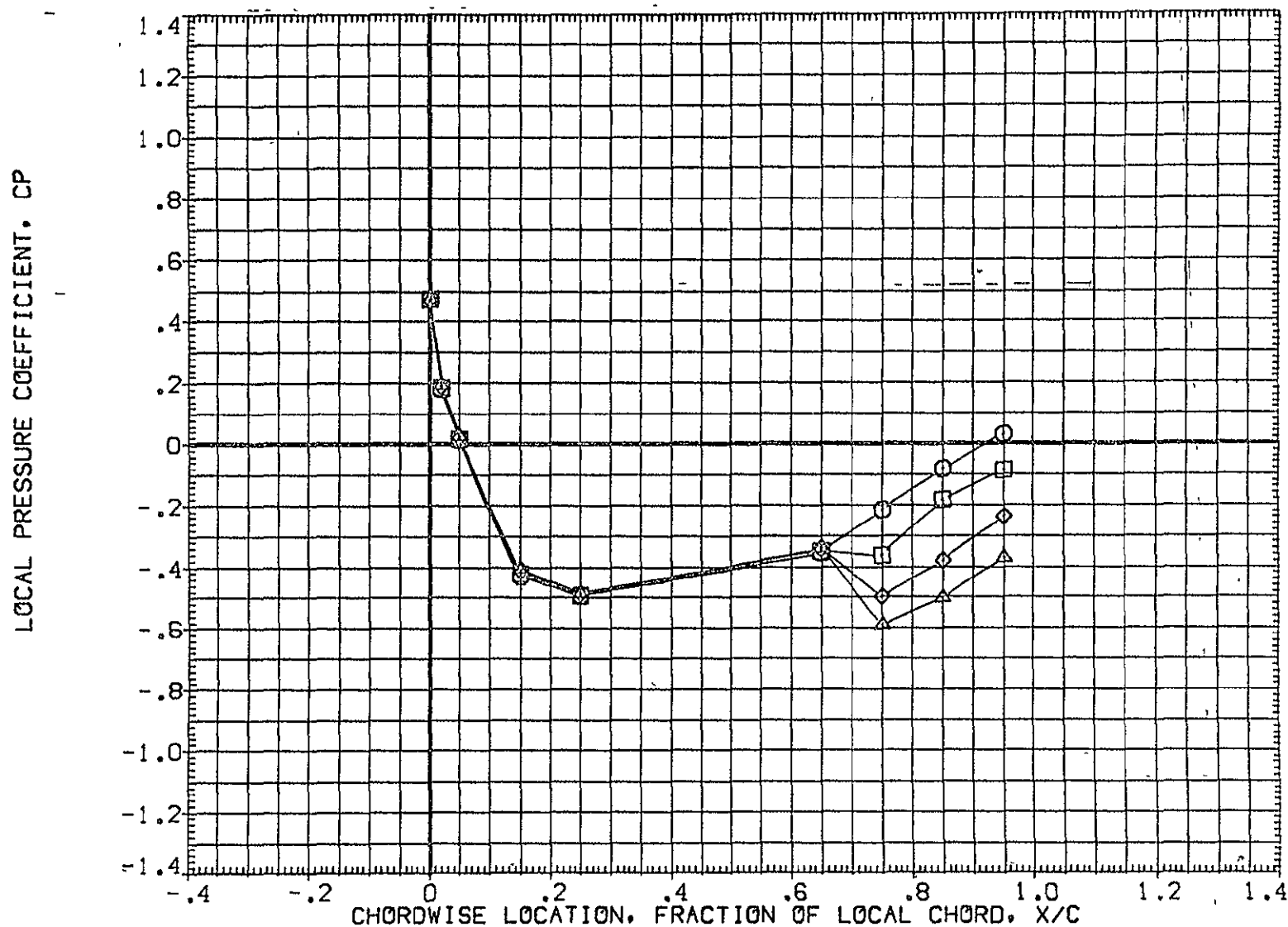


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -4$   
MACH = 1.120 ALPHA = 2.000  $2Y/B = .771$  PAGE 874

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

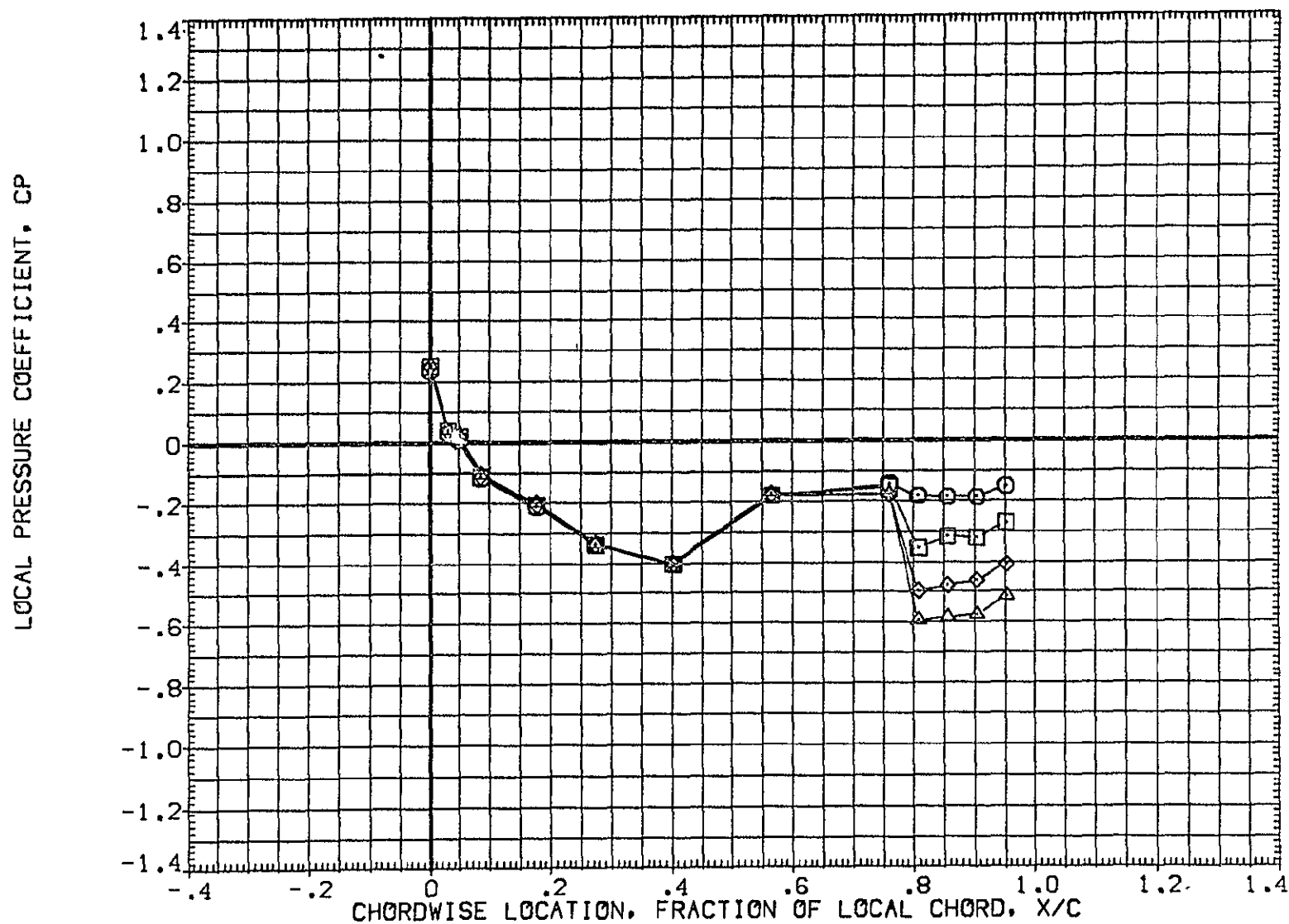


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 4.000 2Y/B = .436 PAGE 875

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U46]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U51]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U56]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U61]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

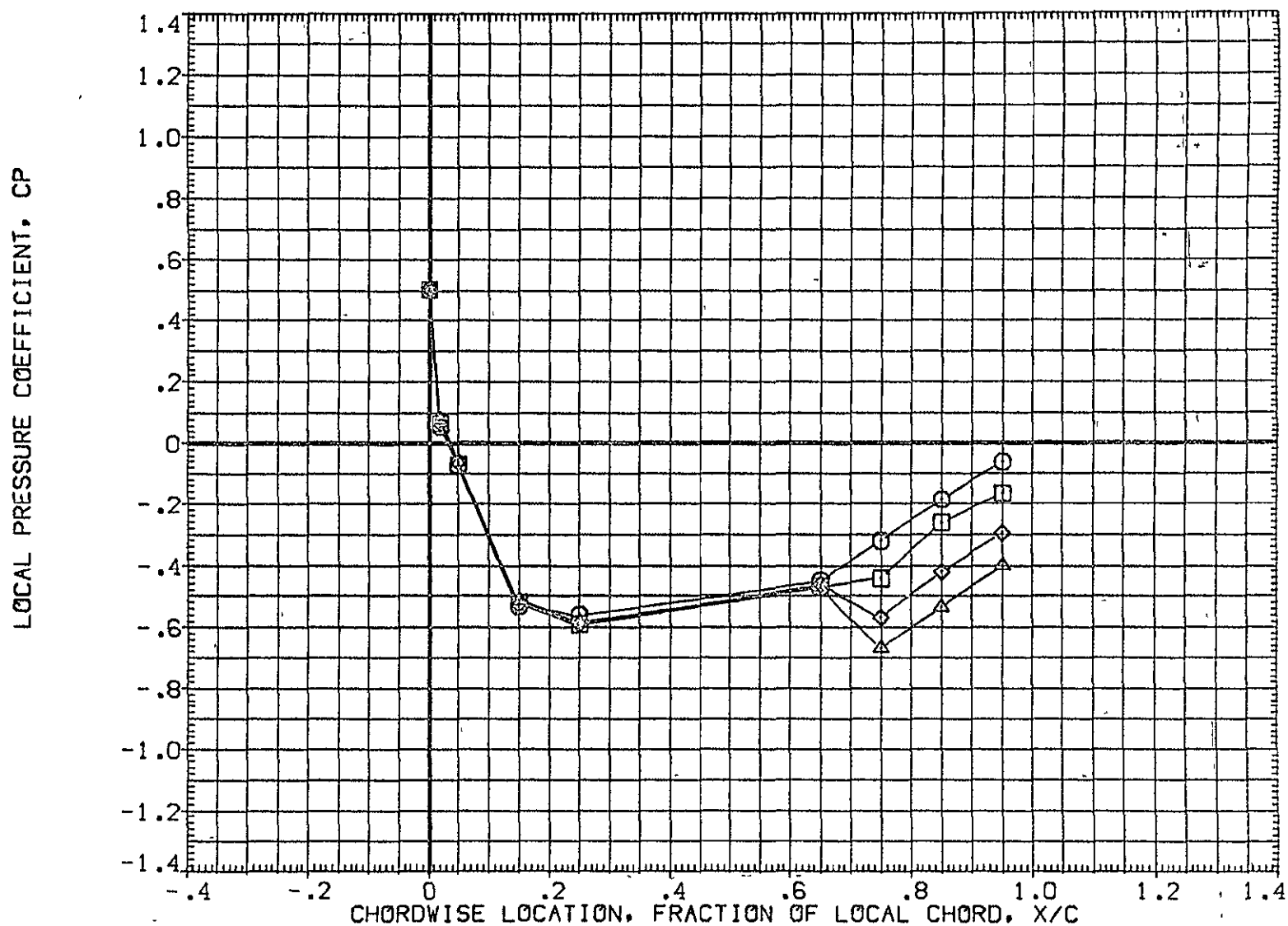


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 4.000 2Y/B = .771 PAGE 876

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U51}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

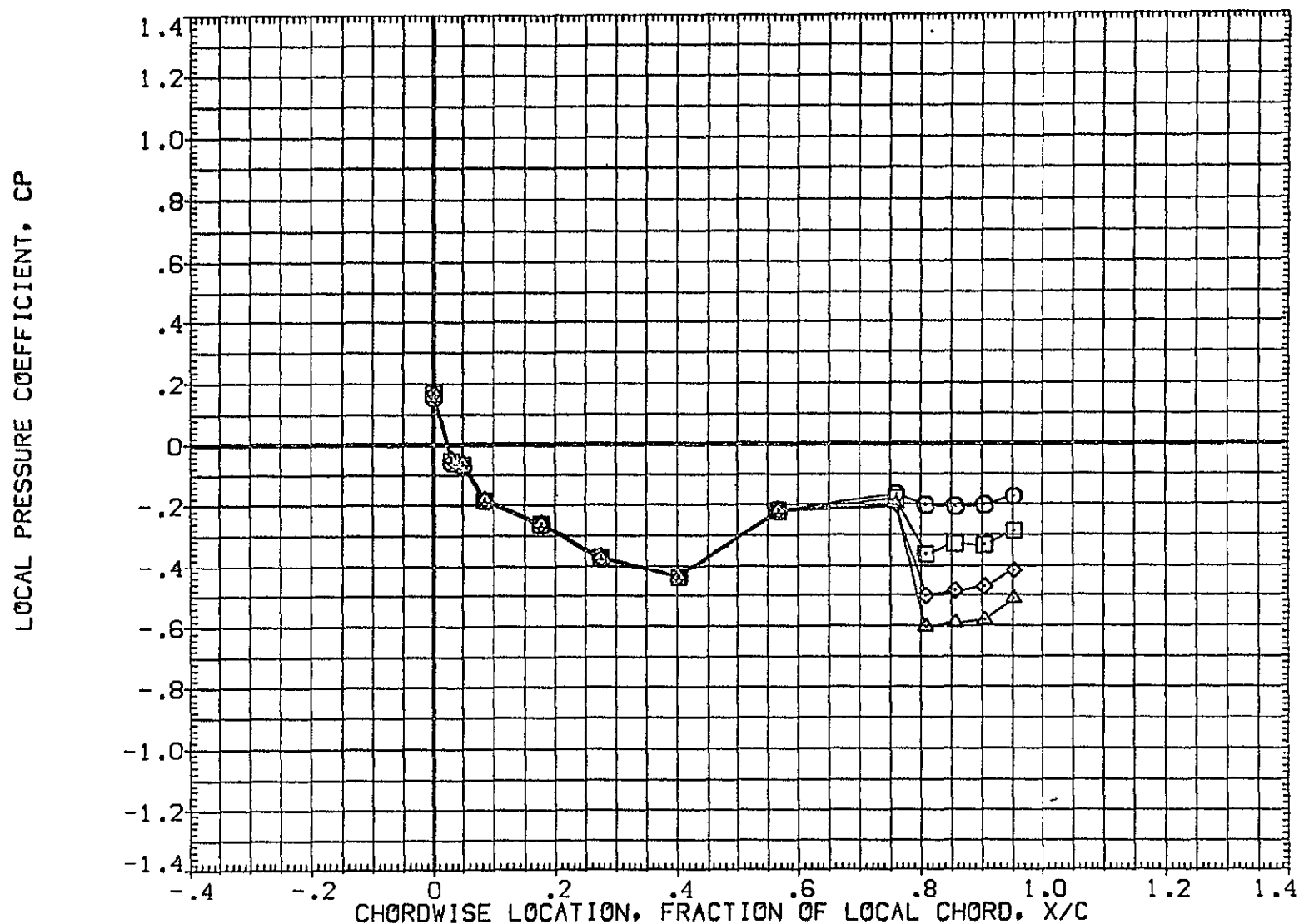


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 6.000 2Y/B = .436 PAGE 877

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

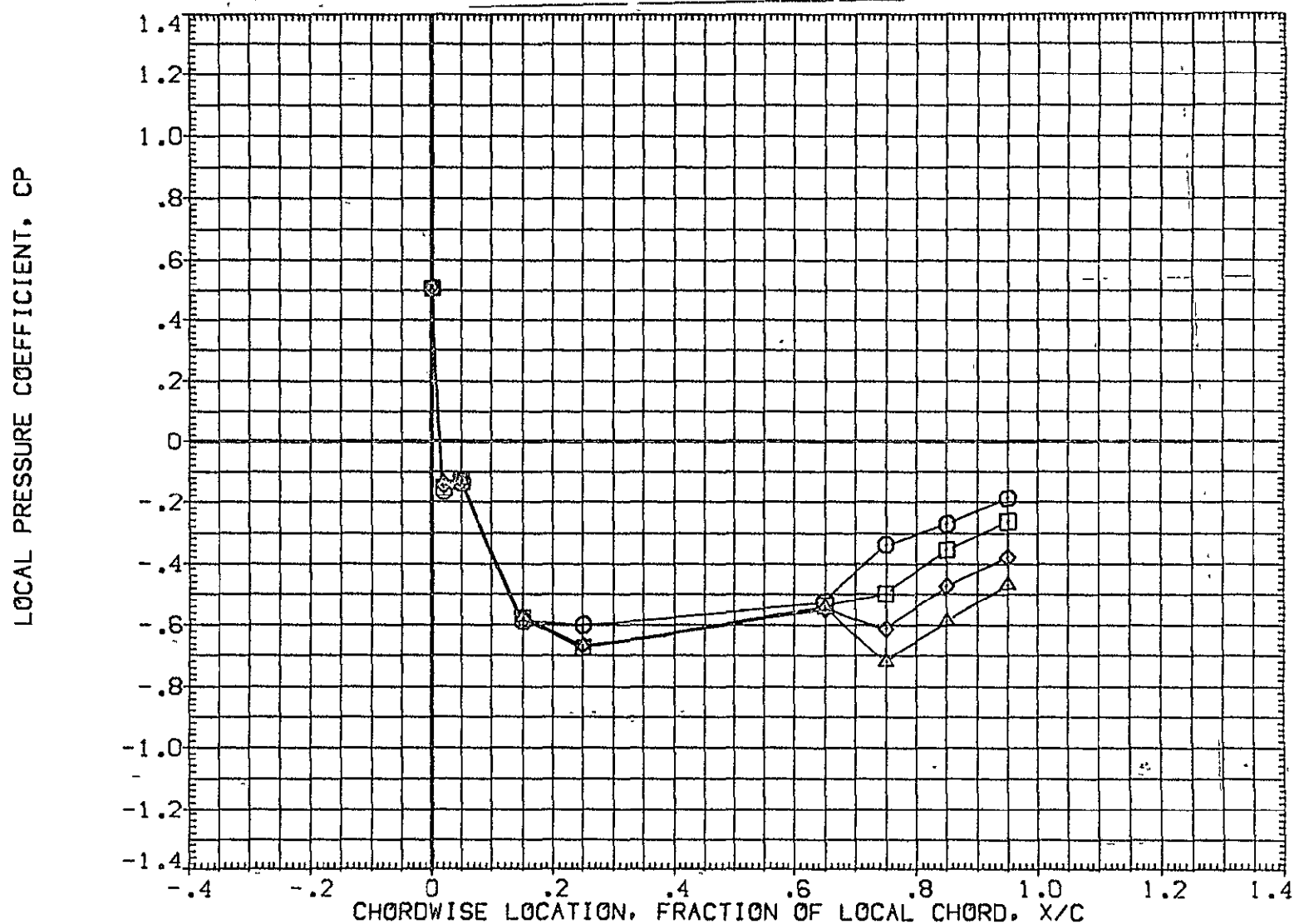


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 6.000 2Y/B = .771 PAGE 878

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

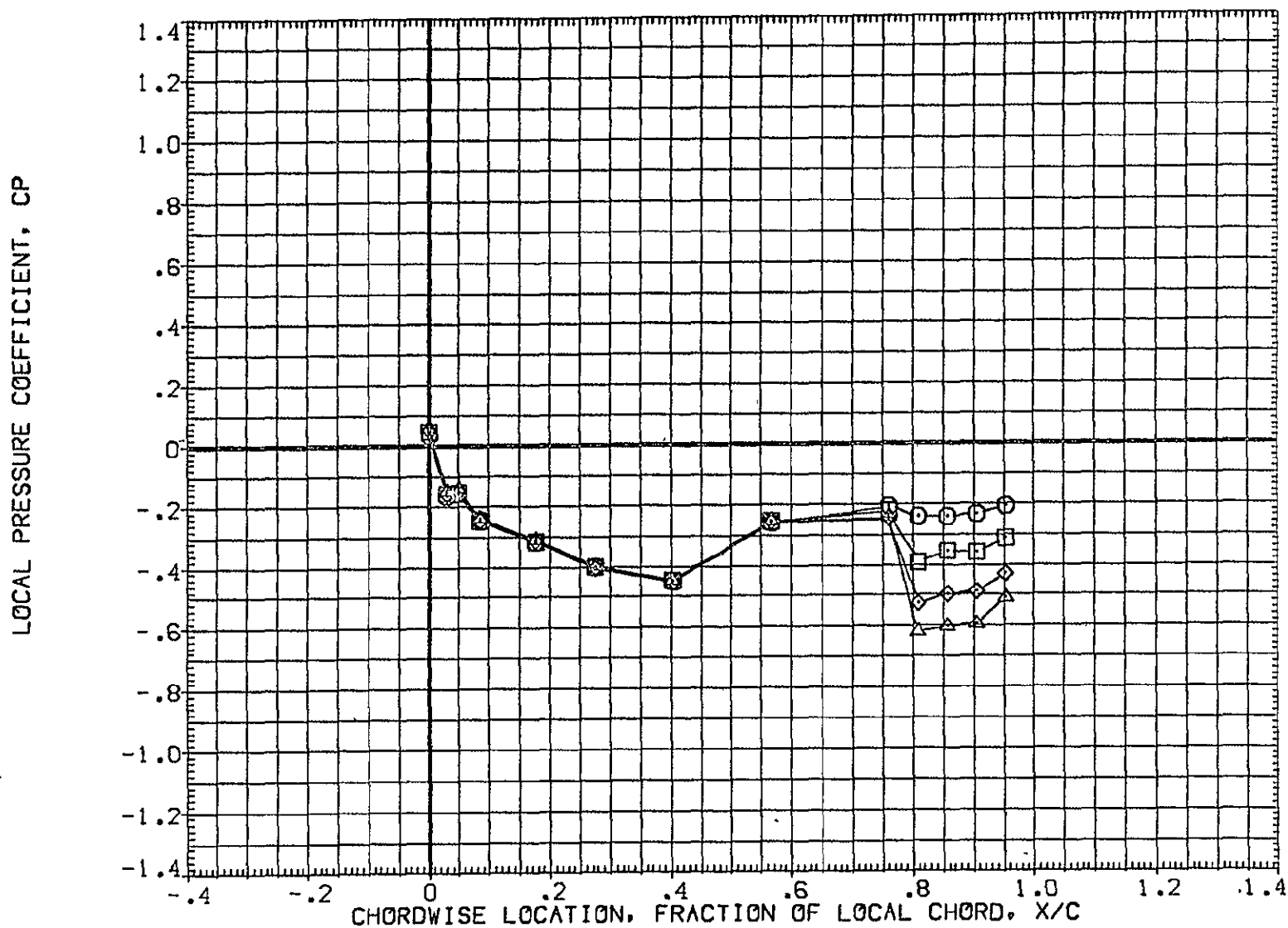


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 8.000 2Y/B = .436 PAGE 879



DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	○	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	□	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	◇	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	△	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

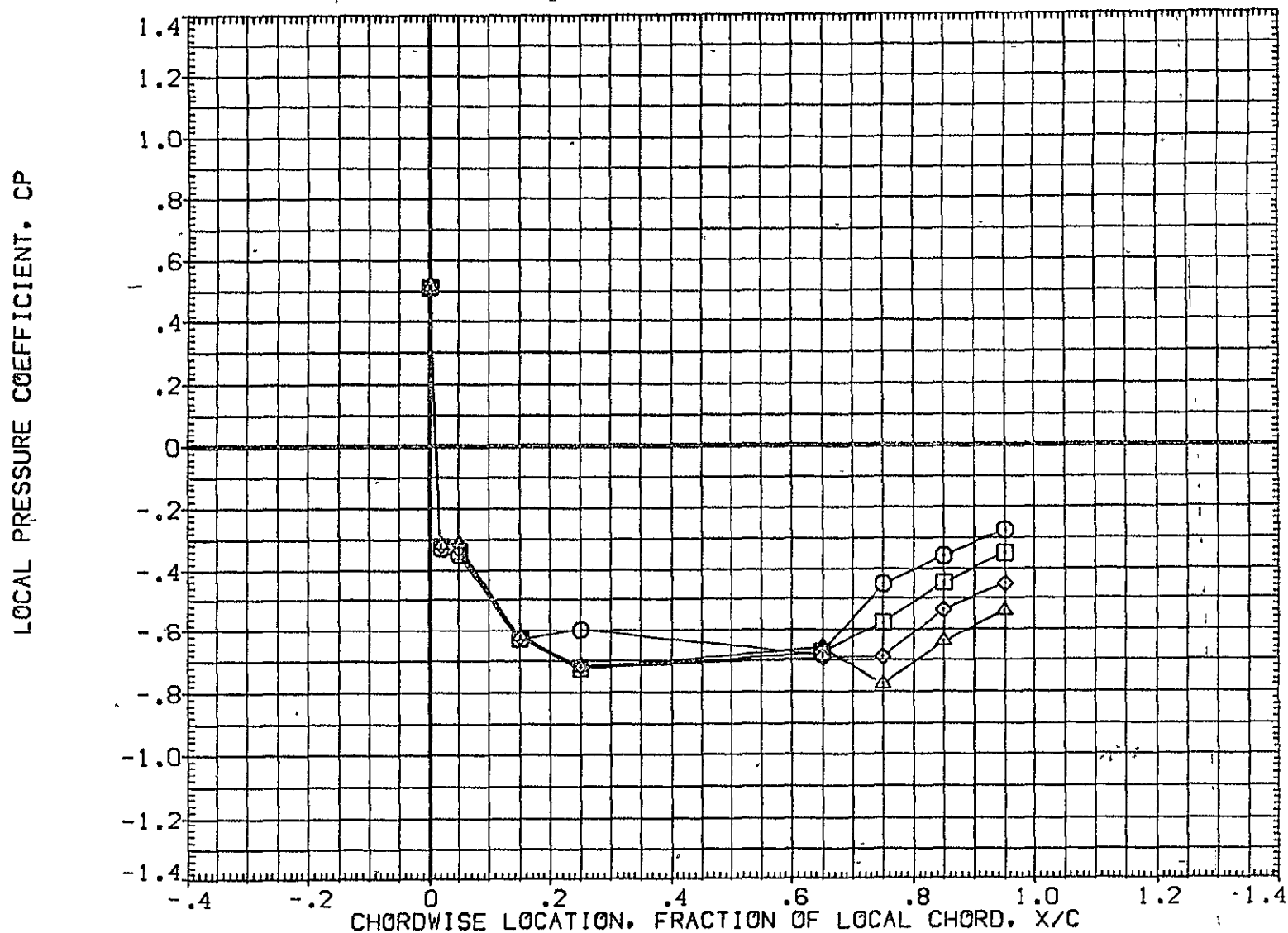


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 8.000 2Y/B = .771 PAGE 880

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	○	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	□	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

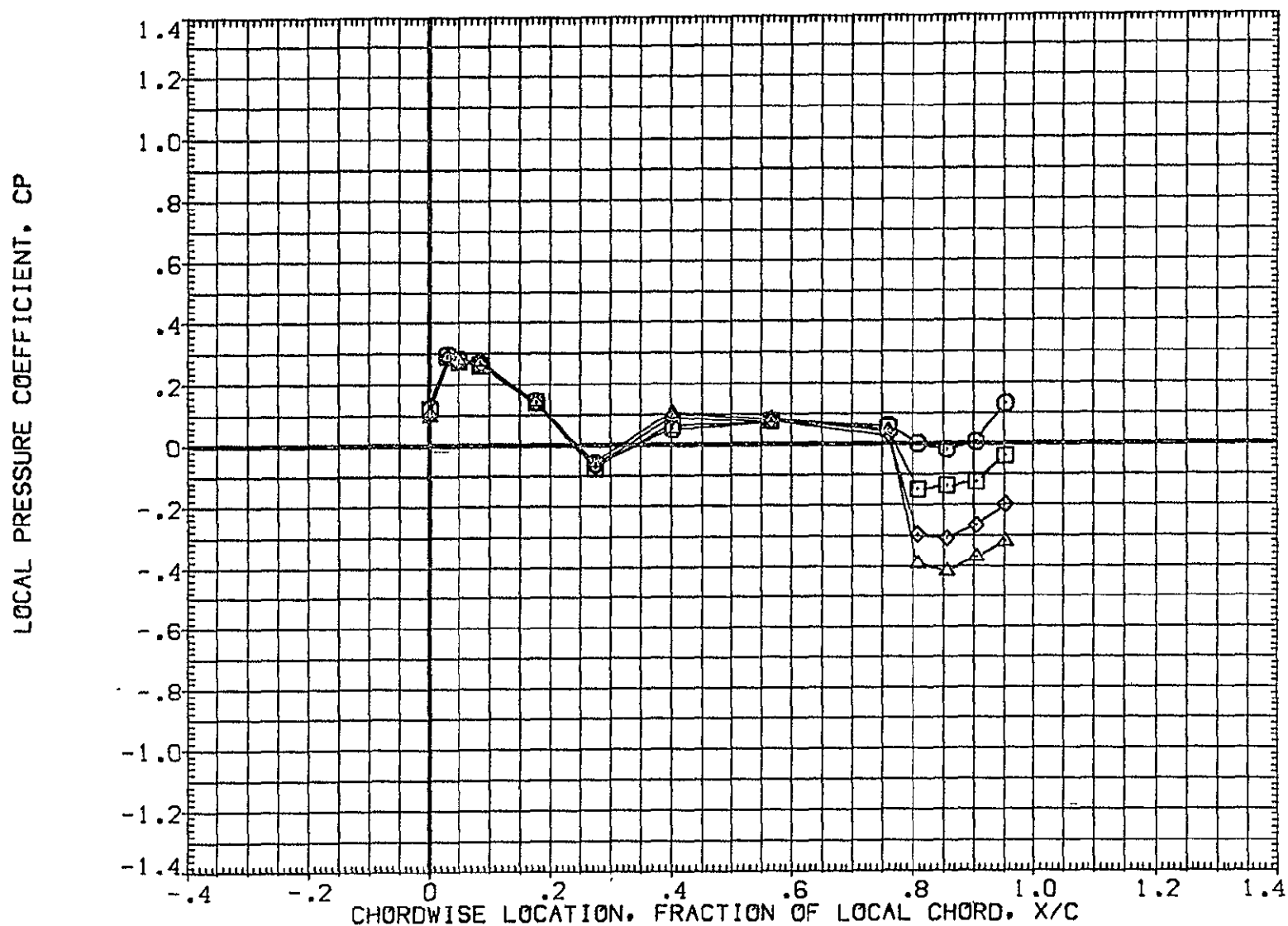


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -8.000 2Y/B = .436 PAGE 881

DATA SET SYMBOL		CONFIGURATION				DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4	
{AF7U46}	○	1A70	01	T12	S1	P2 P8	WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	□	1A70	01	T12	S1	P2 P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	◇	1A70	01	T12	S1	P2 P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	△	1A70	01	T12	S1	P2 P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000

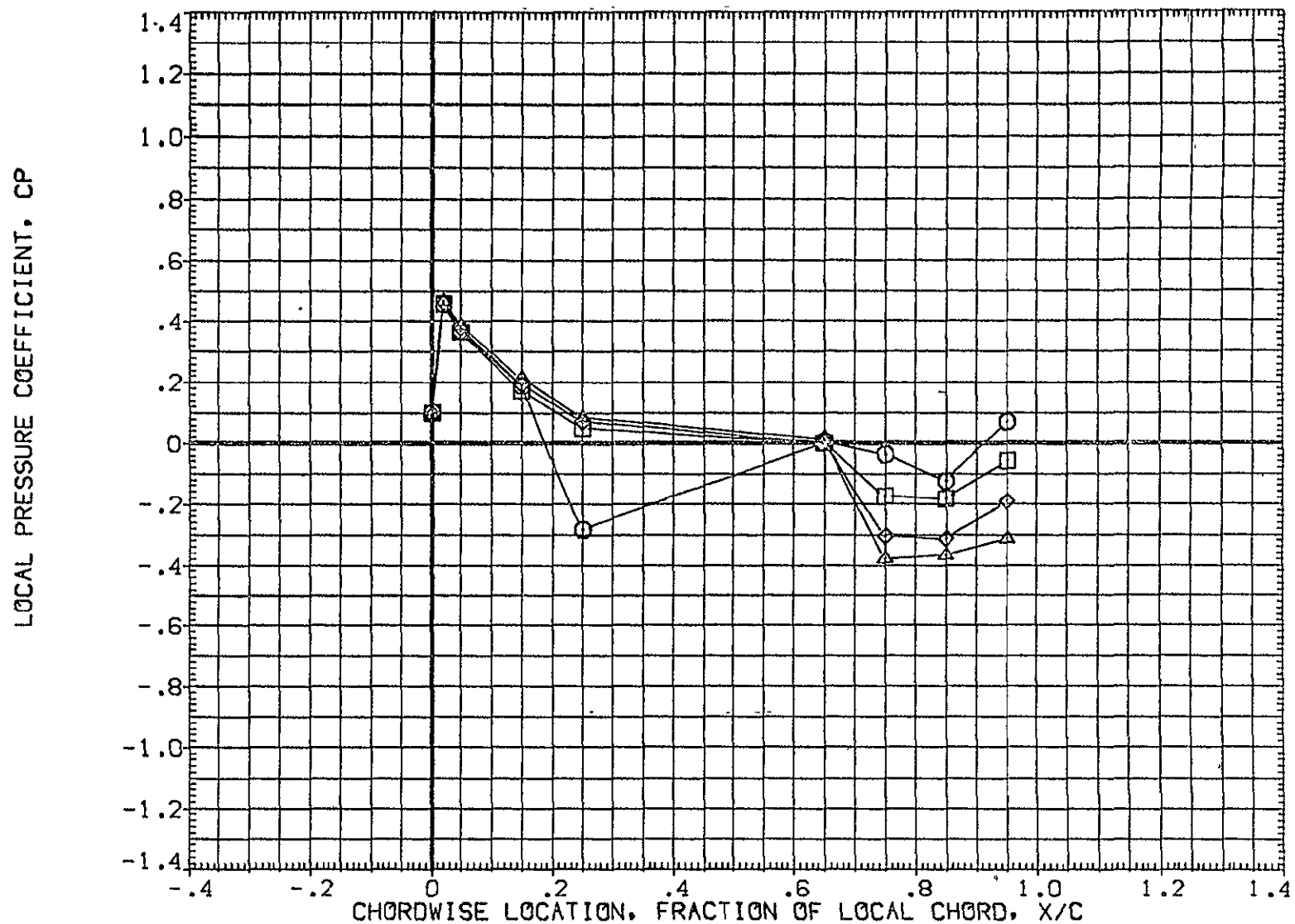


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -8.000 2Y/B = .771 PAGE 882

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

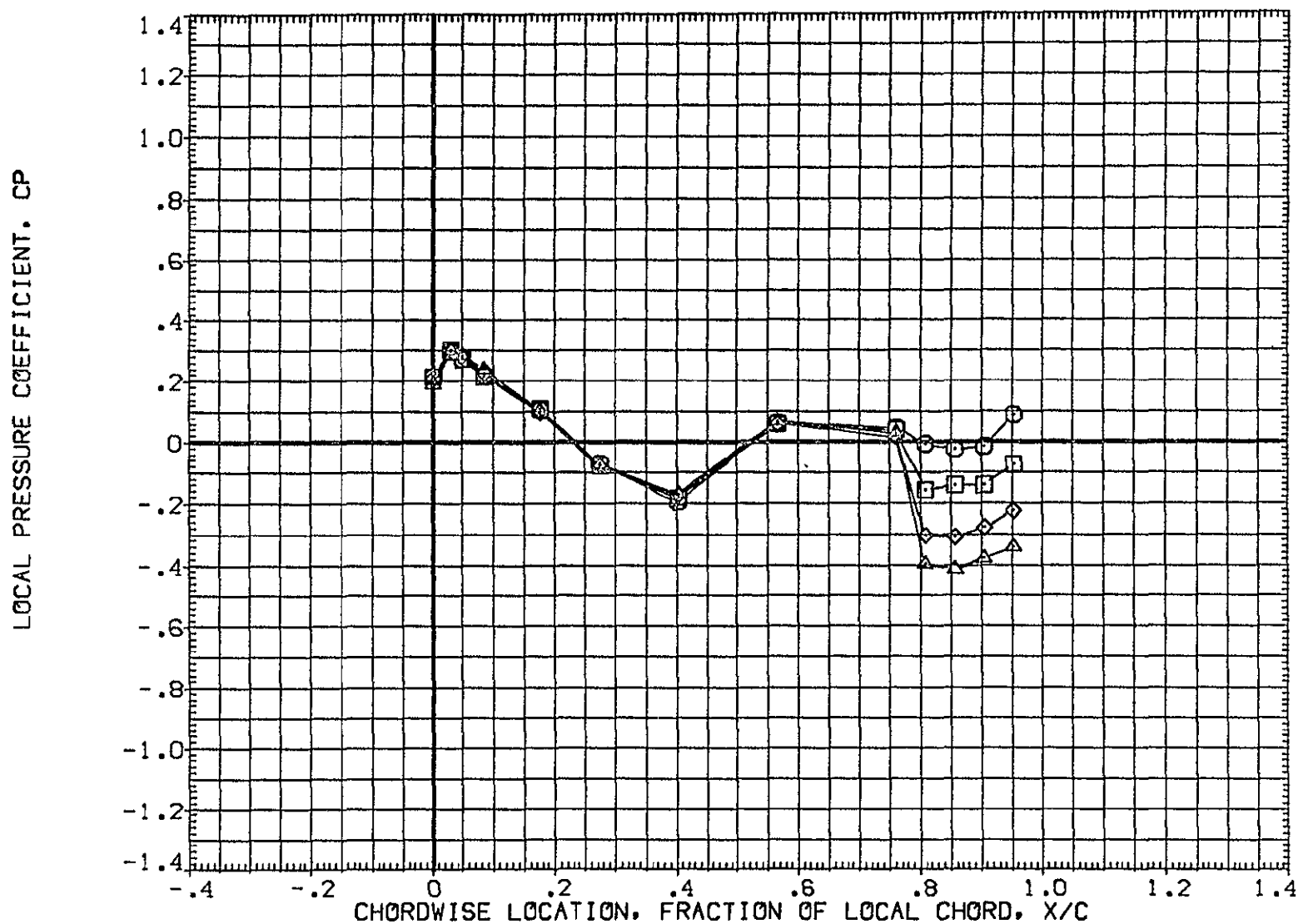


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 883

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	12.000	12.000	12.000

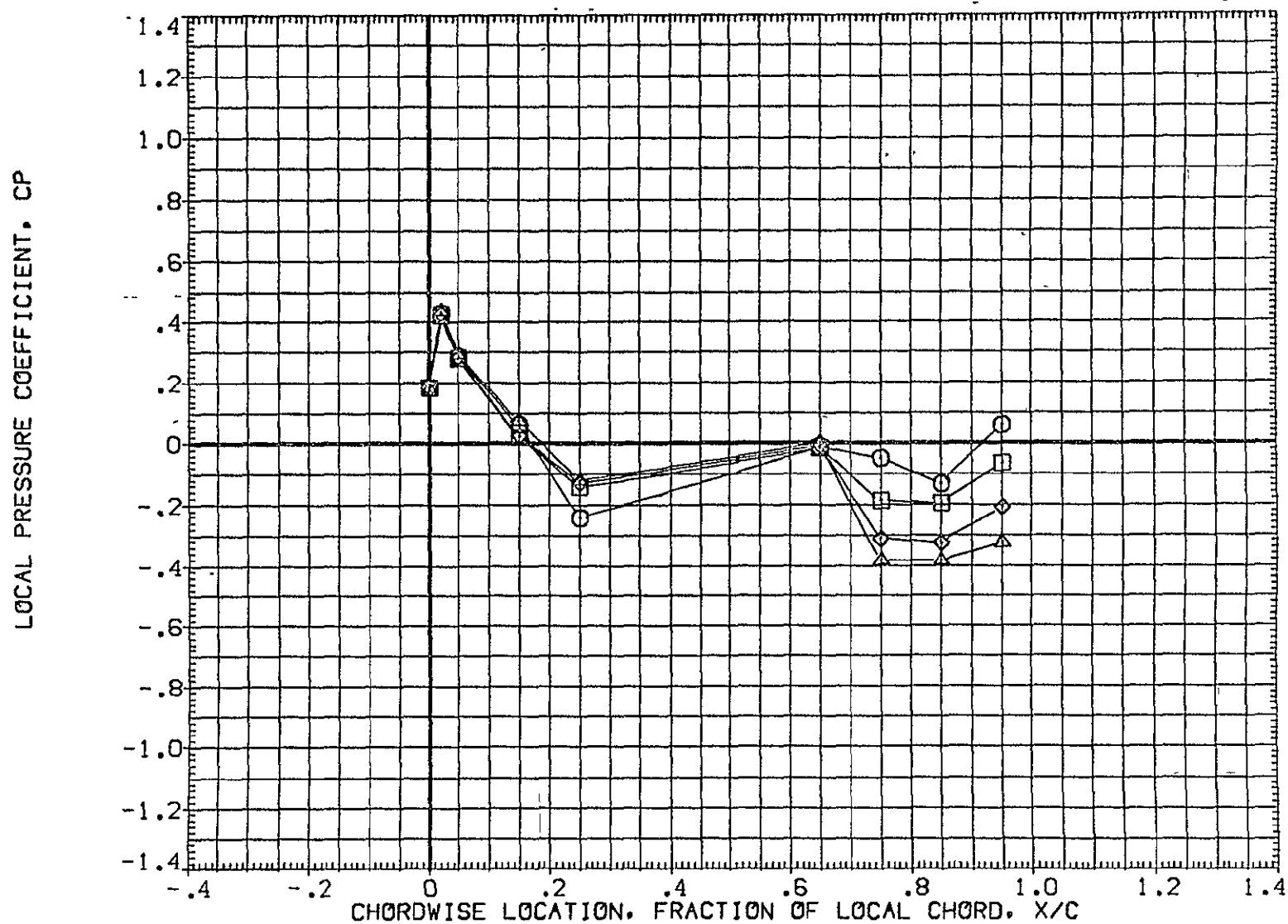


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -6.000 2Y/B = .771 PAGE 884

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

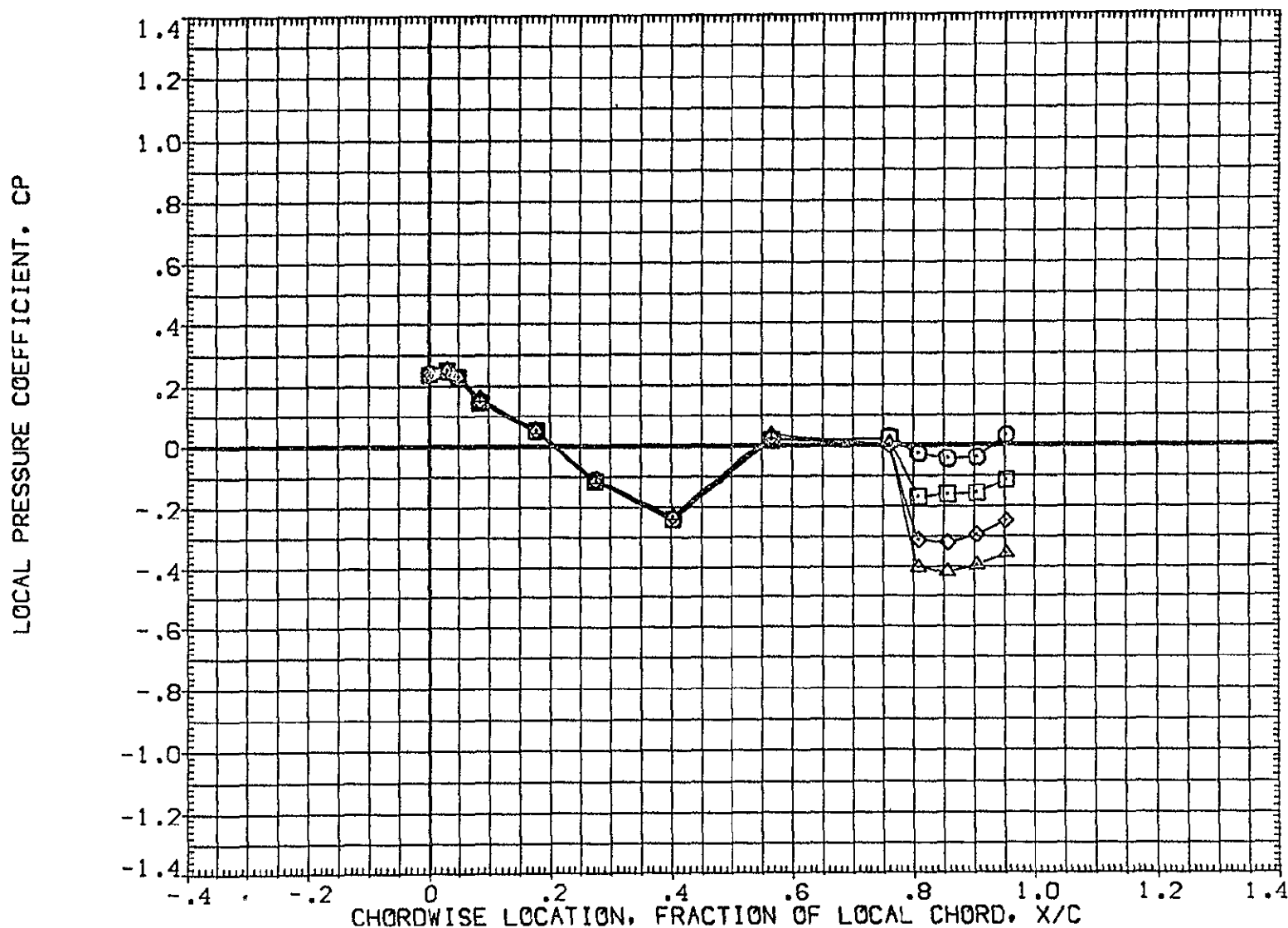


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 885

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

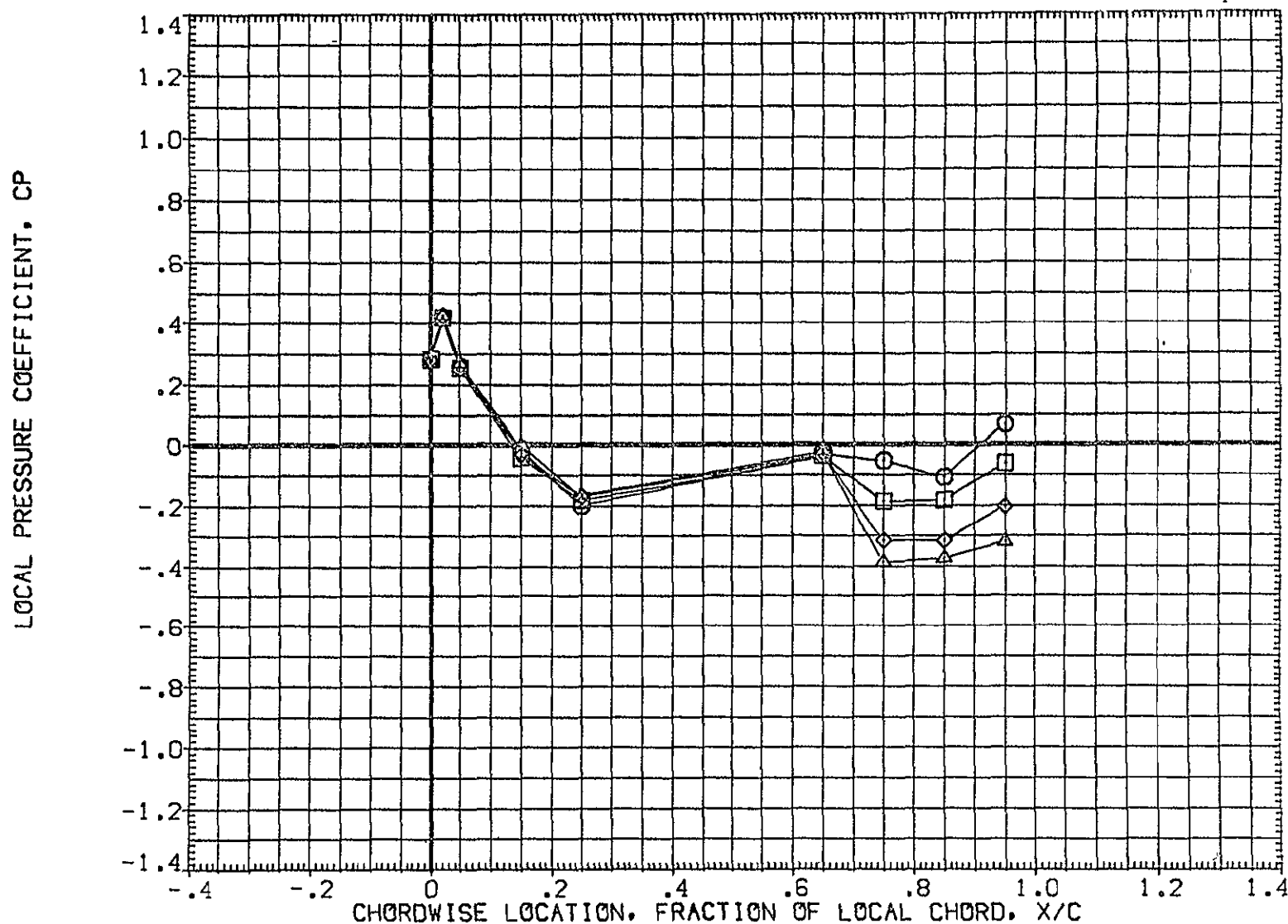


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 886

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

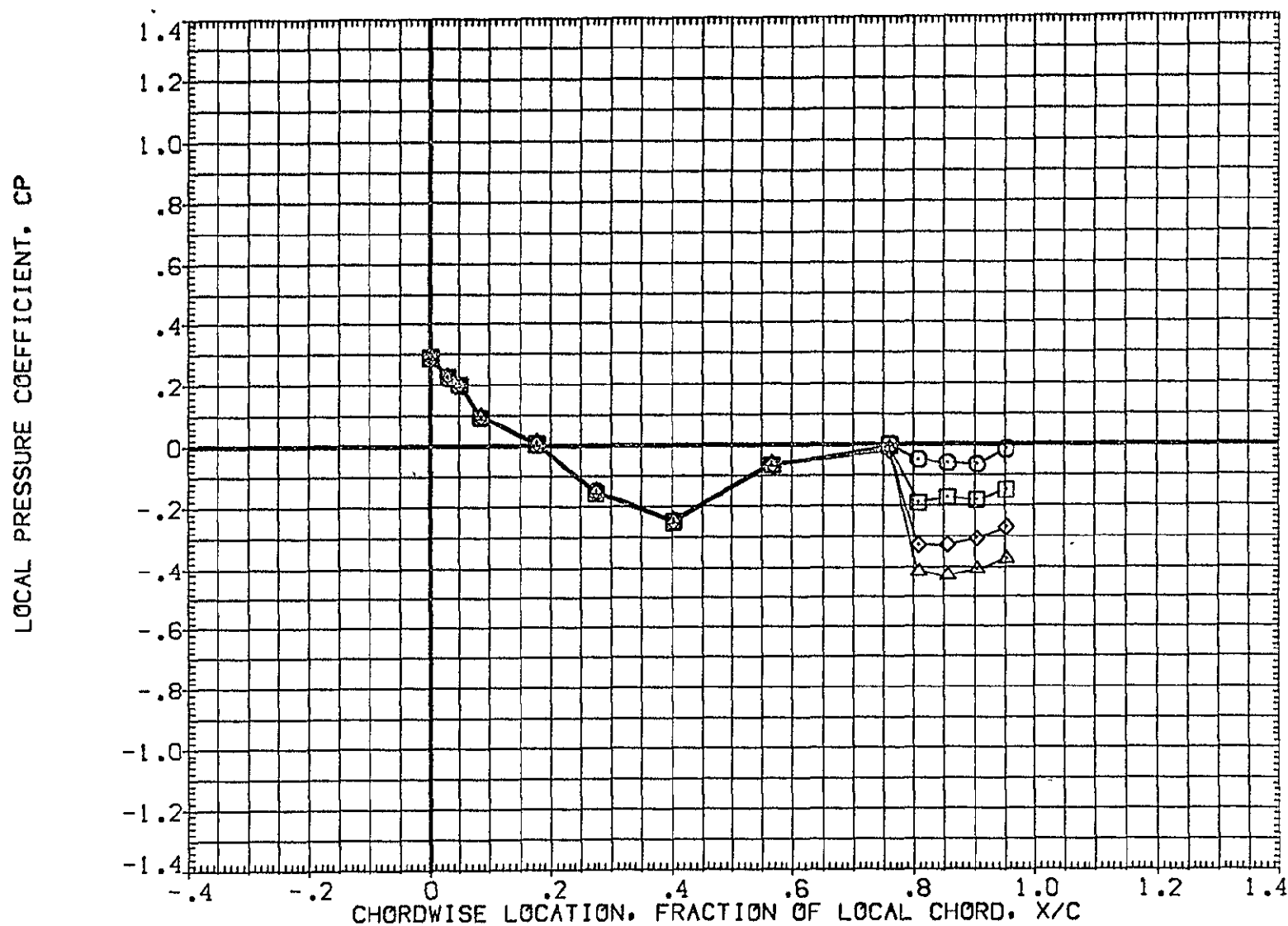


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 887



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

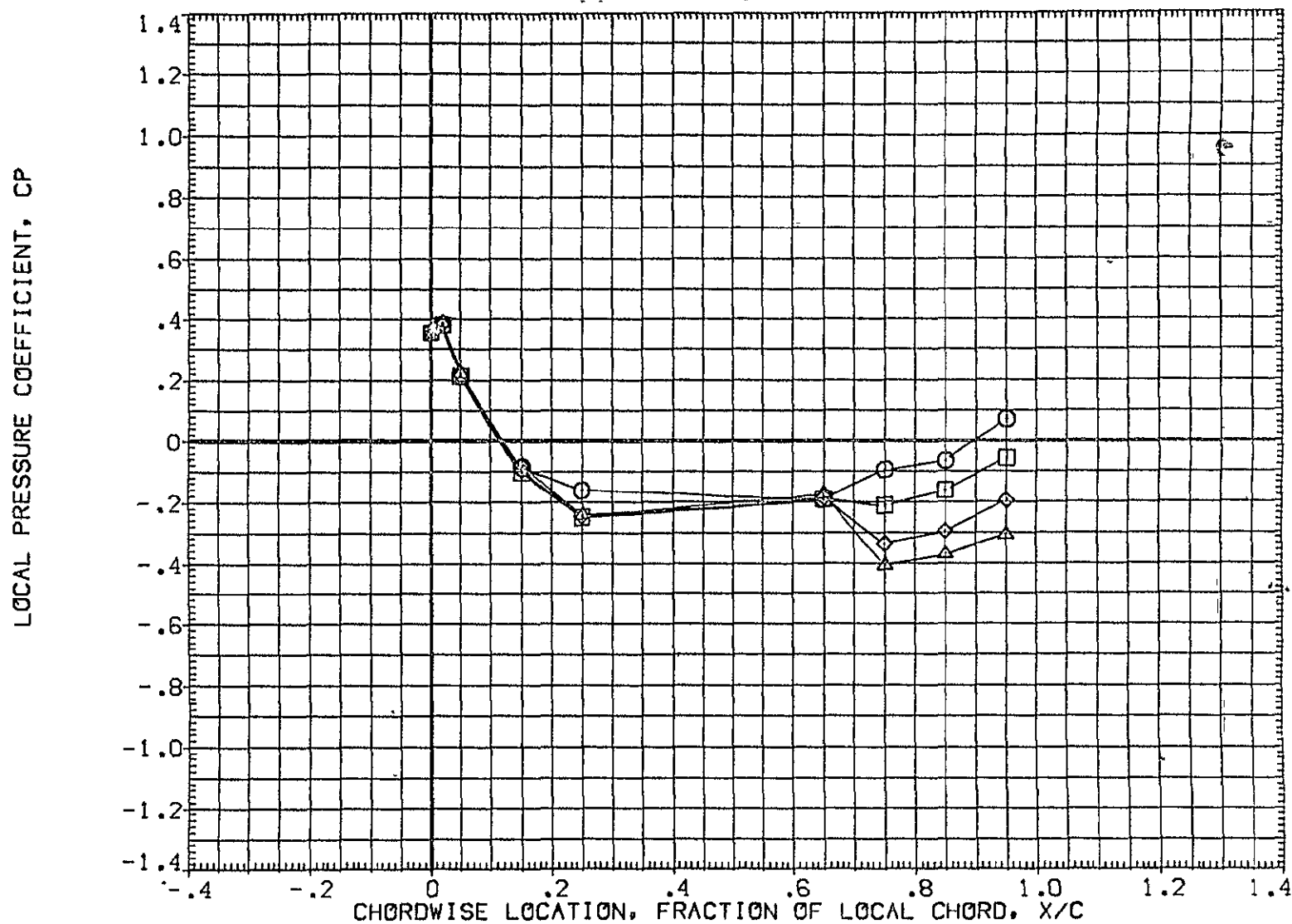


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -4$   
MACH = 1.240 ALPHA = -2.000  $2Y/B = .771$  PAGE 888

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U46]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U51]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U56]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U61]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

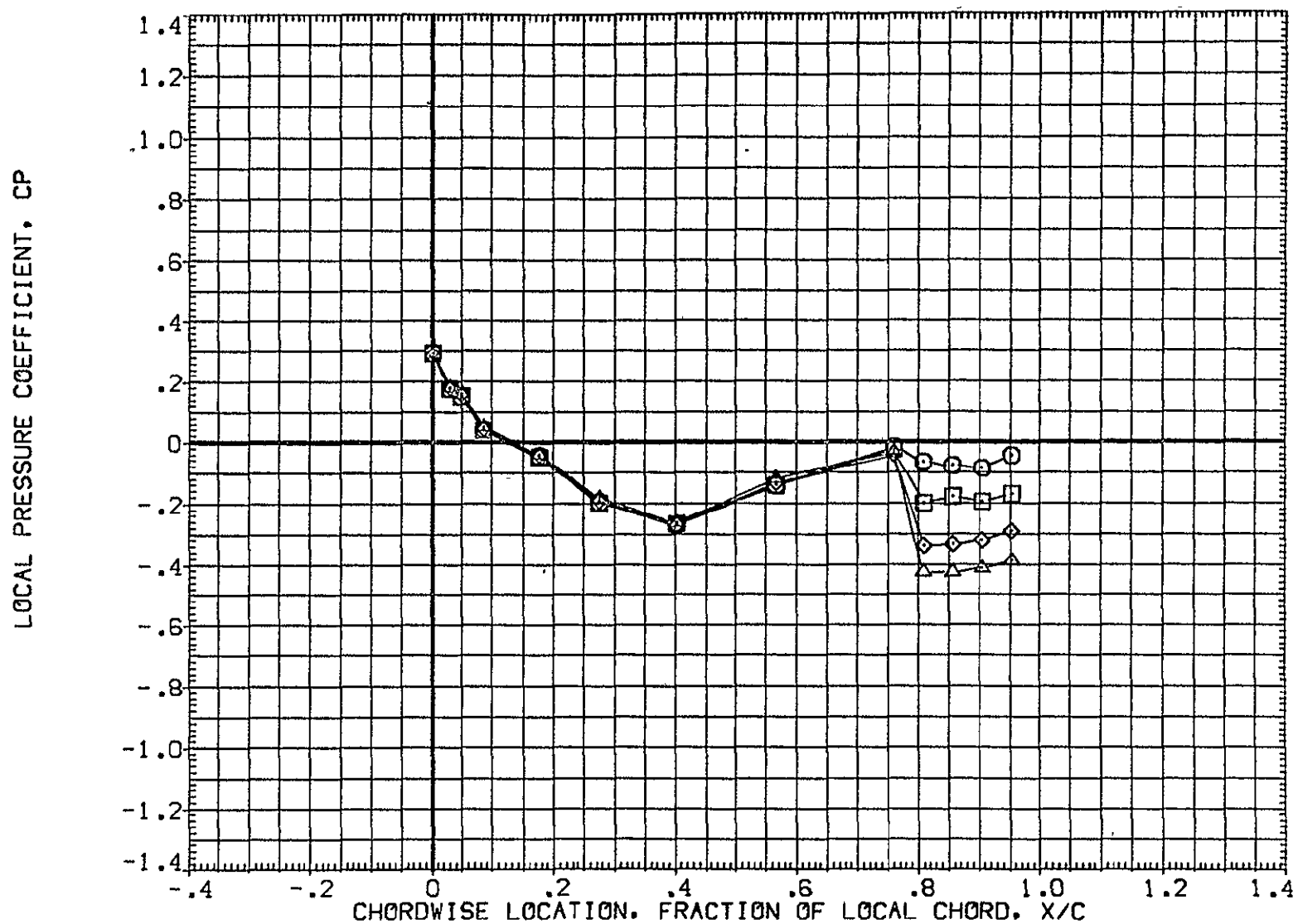


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = .000 2Y/B = .436 PAGE 889

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U48}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

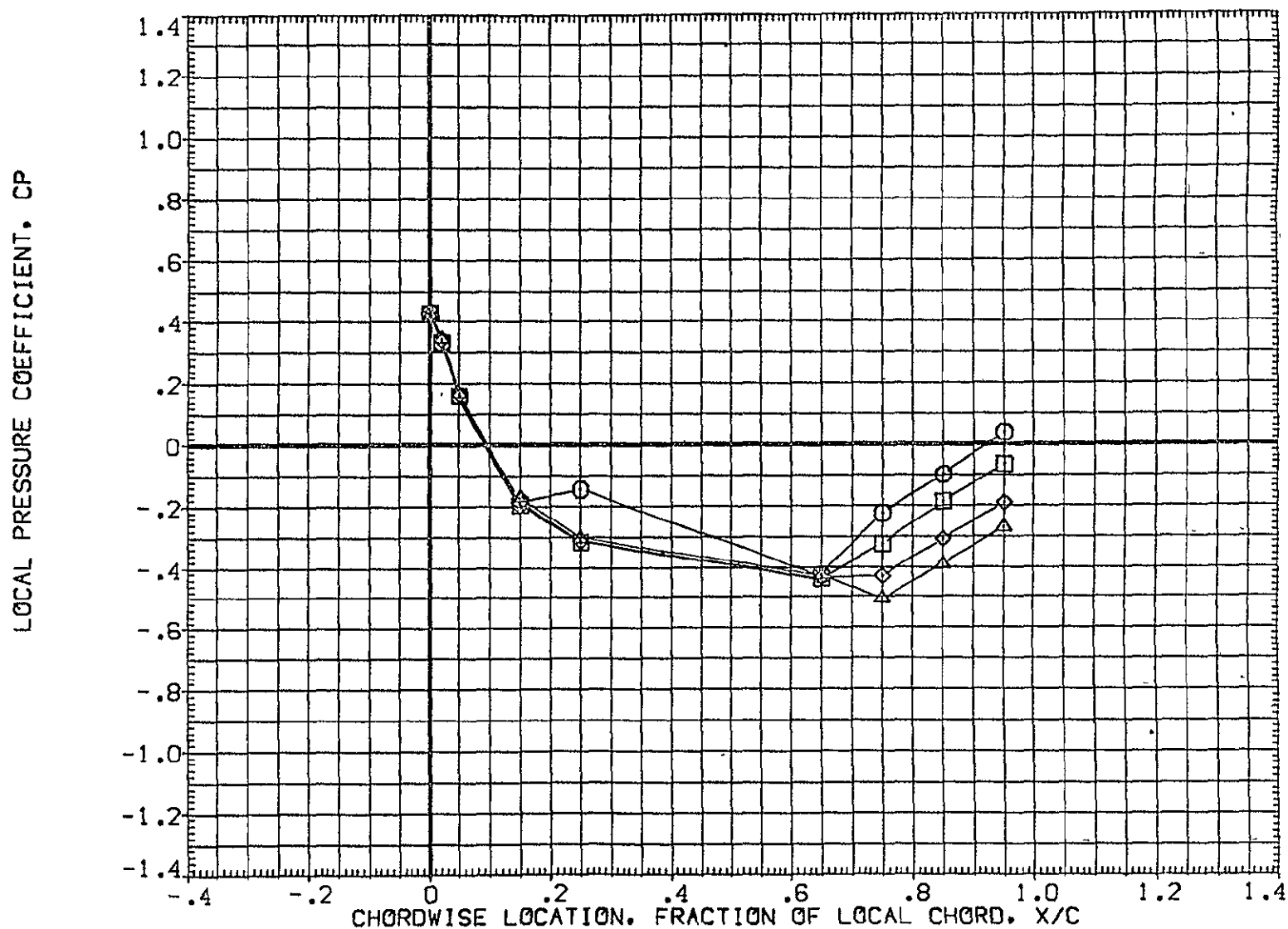


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = .000 2Y/B = .771 PAGE 890

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

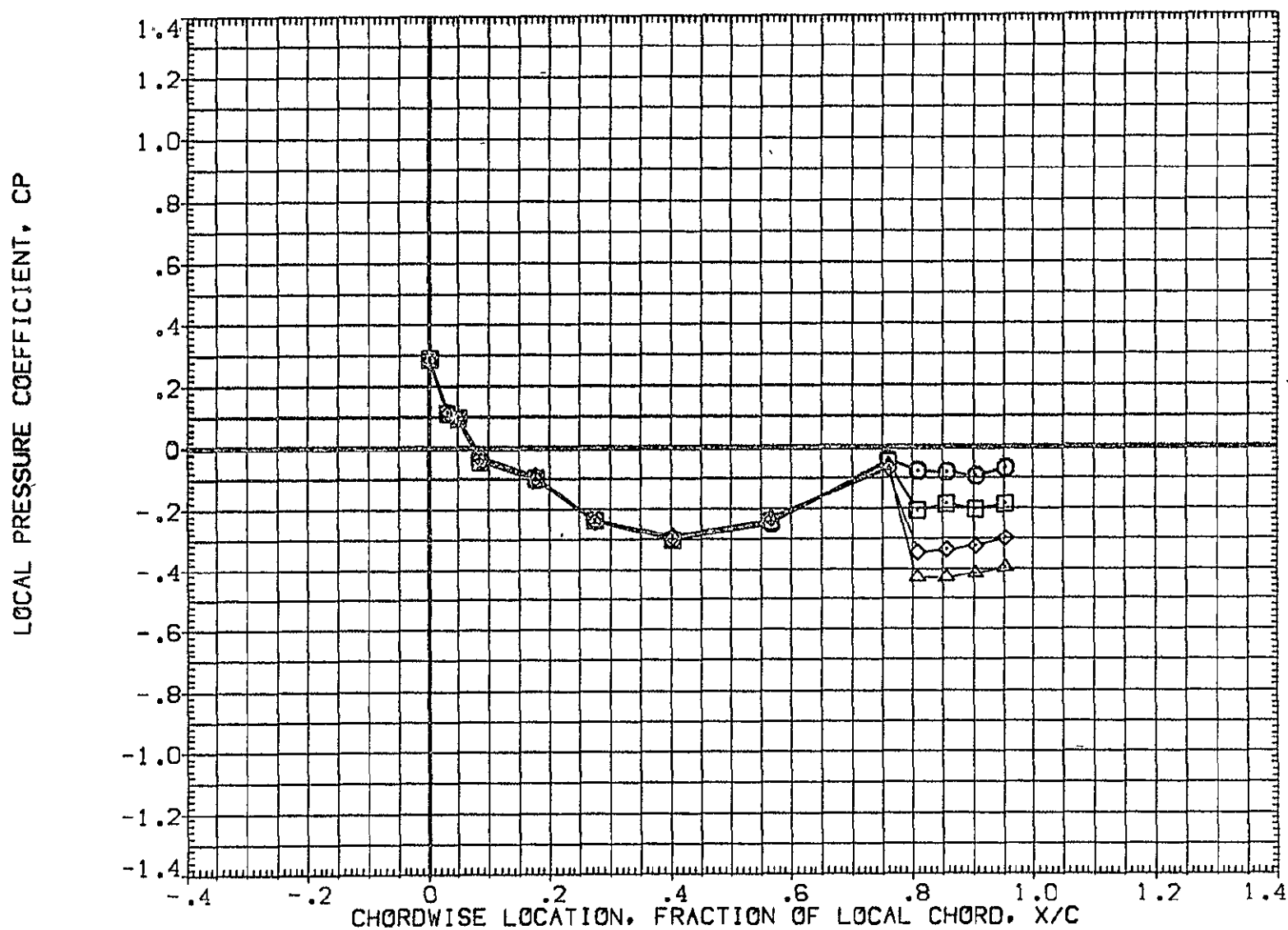


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 2.000 2Y/B = .436 PAGE 891

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

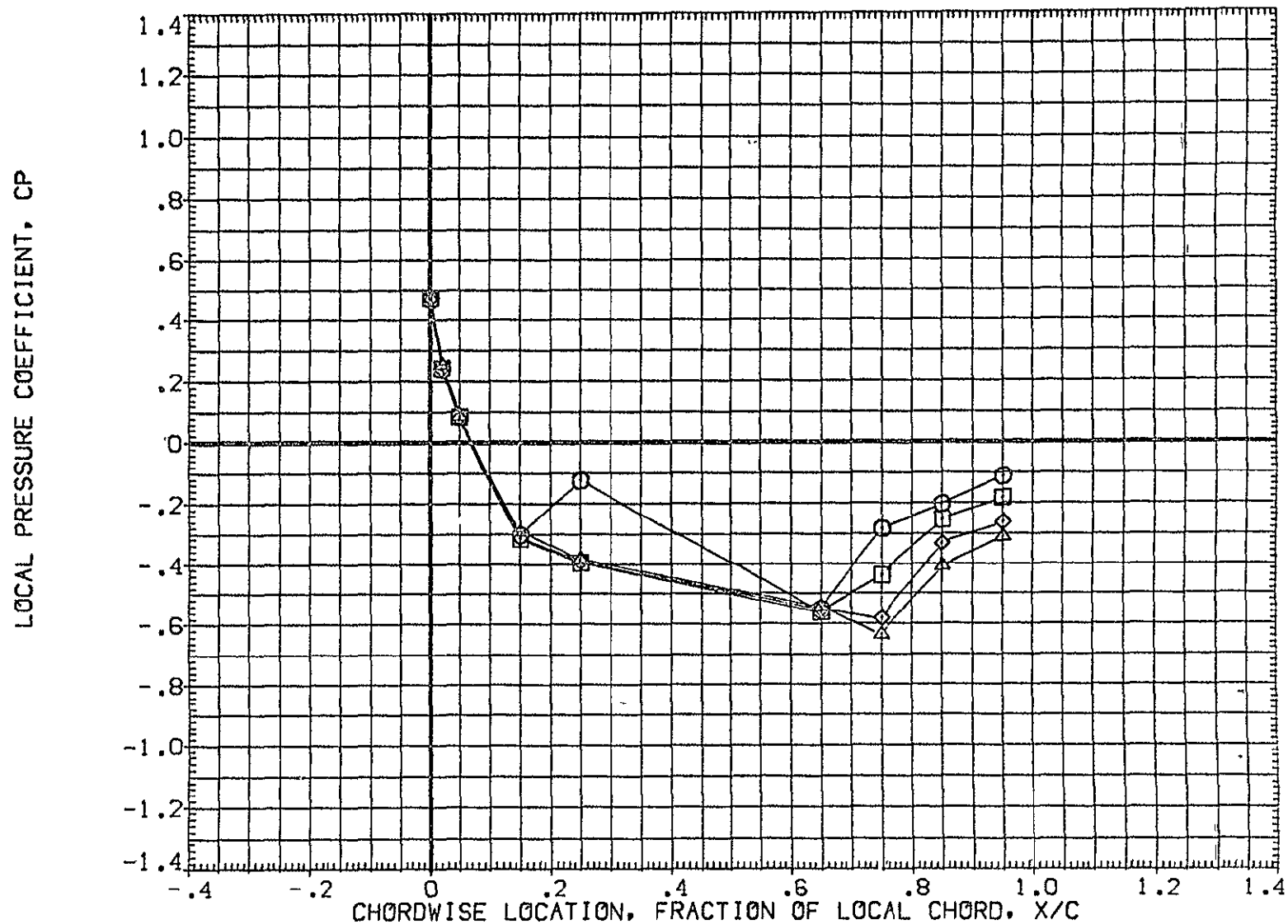


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 2.000 2Y/B = .771 PAGE 892

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

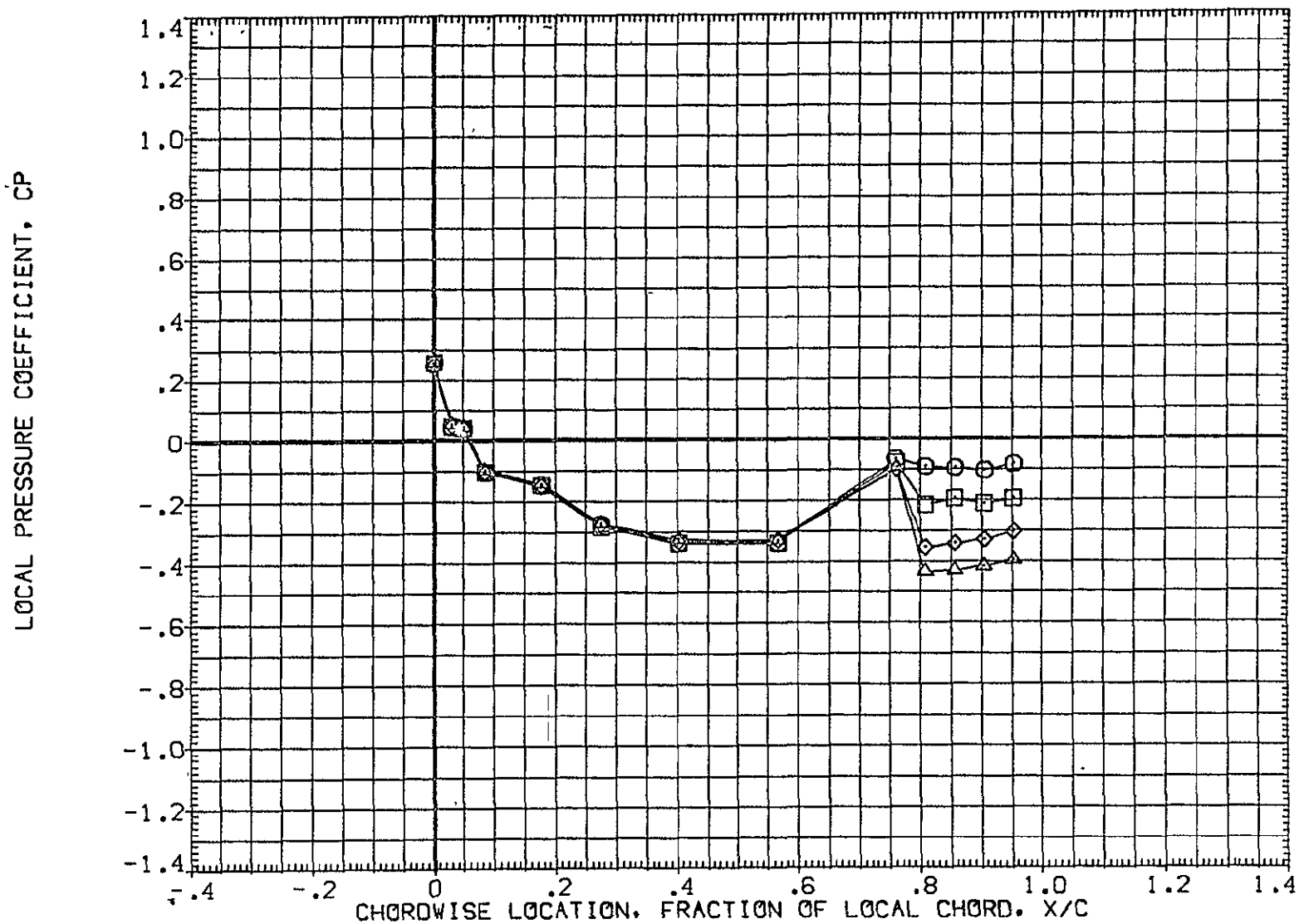


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 893

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	□ 1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	□ 1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	◇ 1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	△ 1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

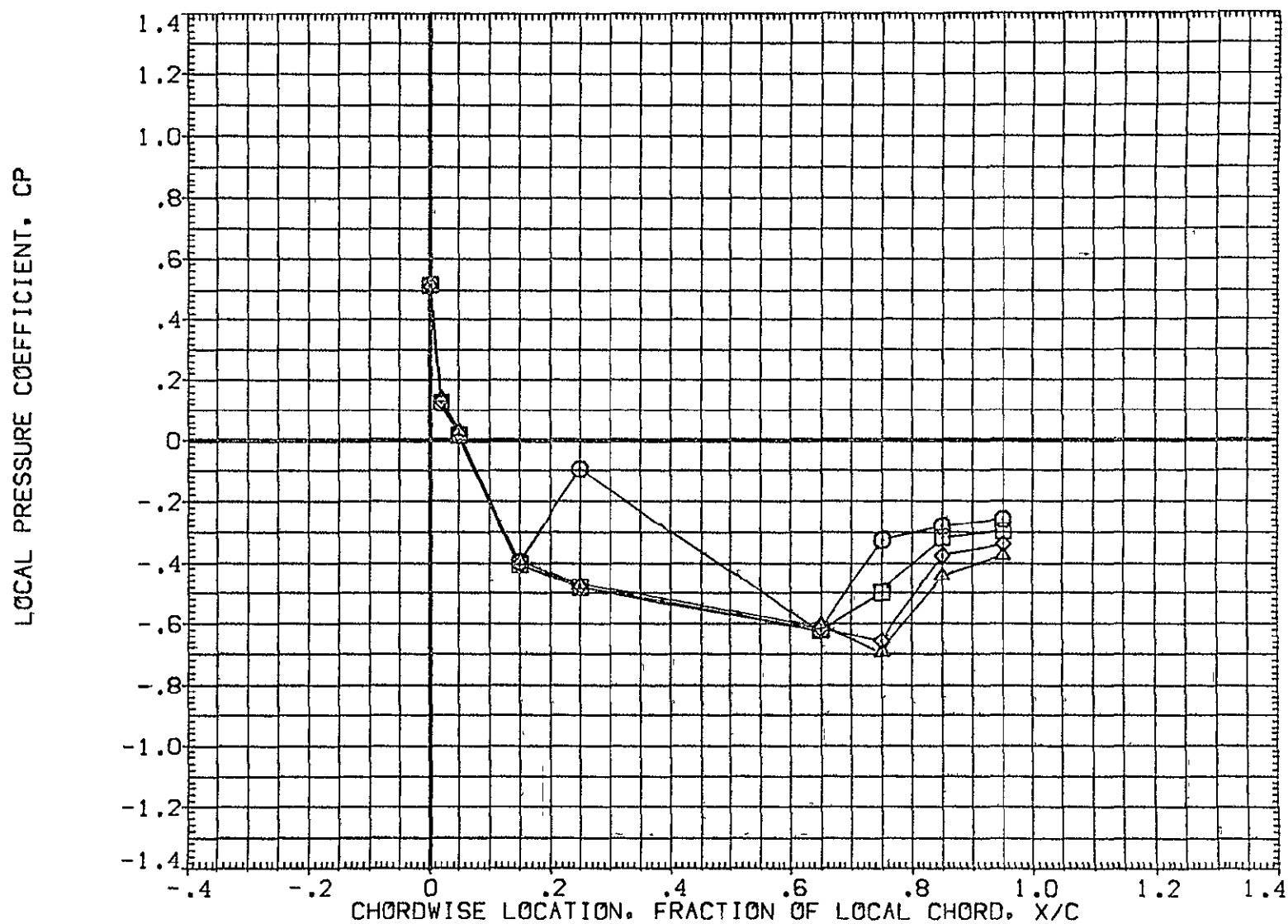


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 4.000 2Y/B = .771 PAGE 894

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

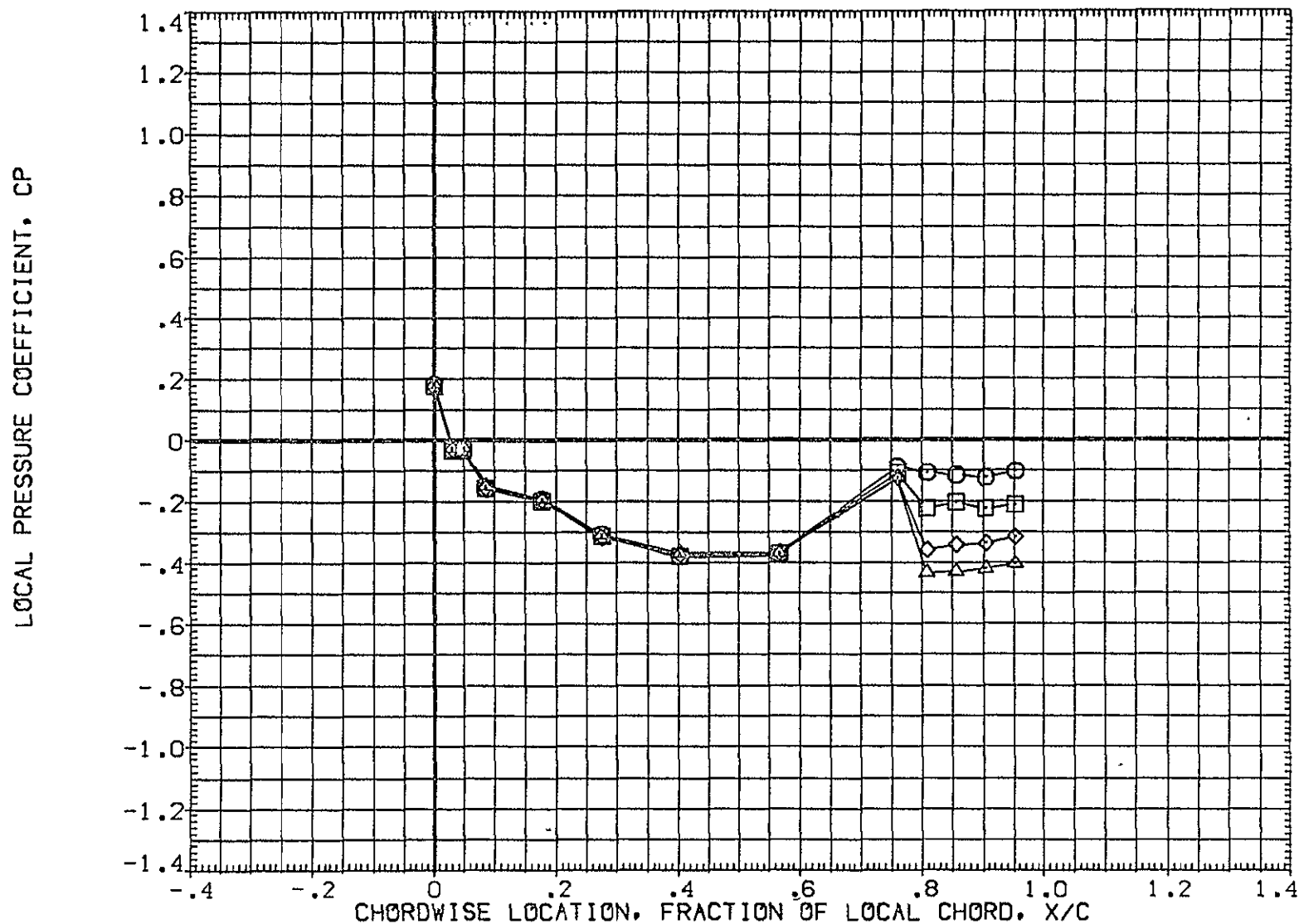


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 895



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

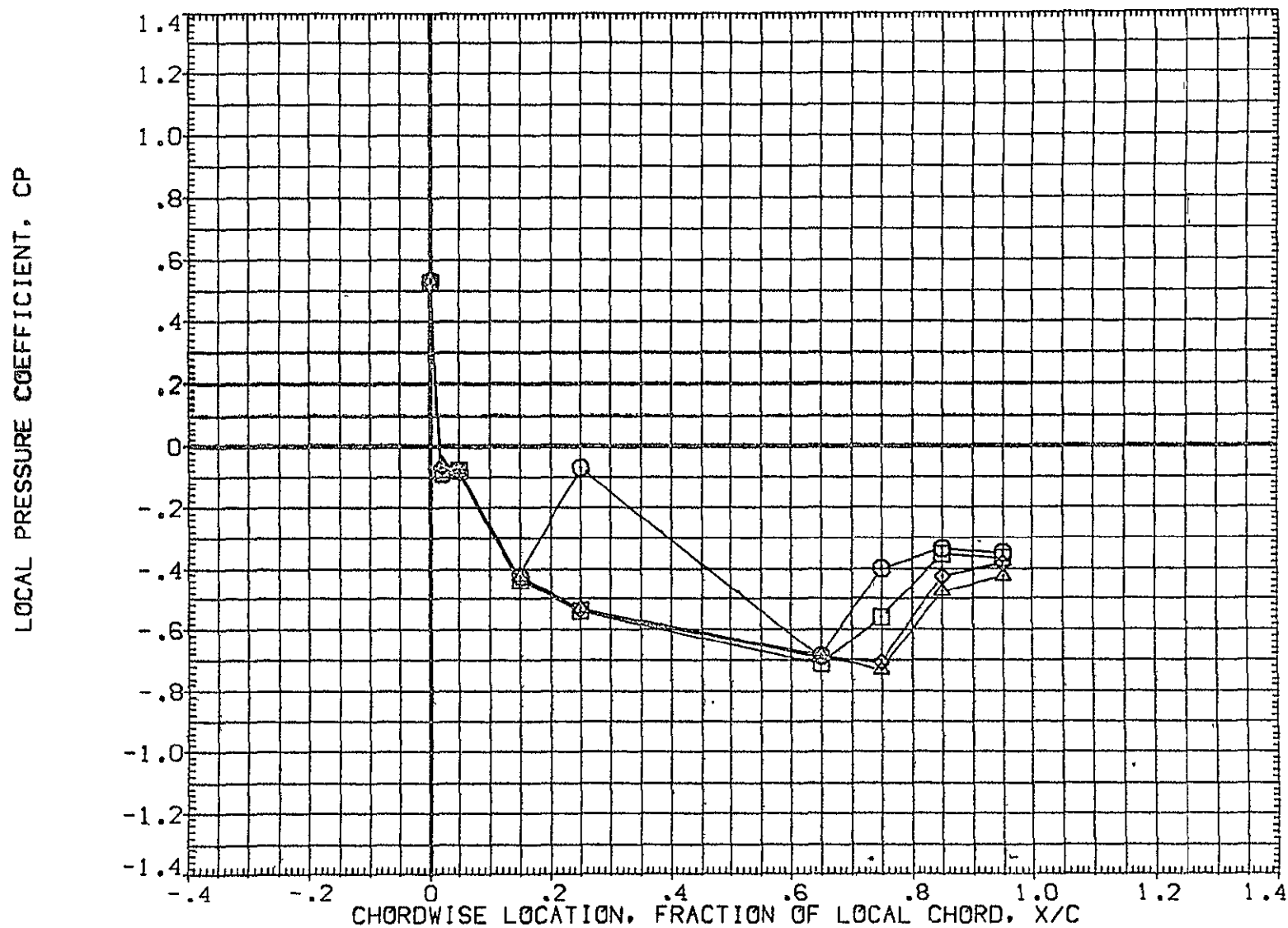


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 896

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

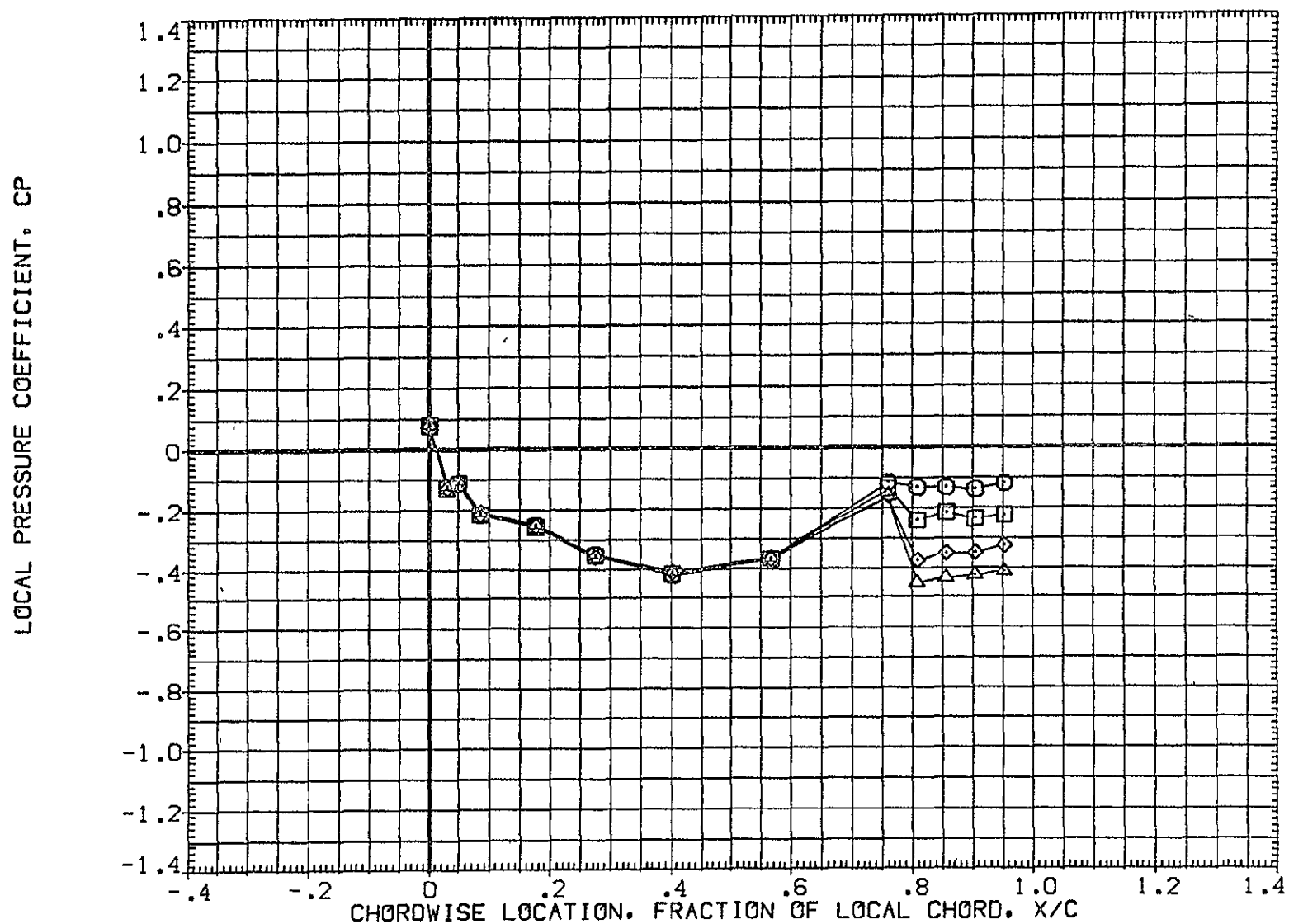


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U46]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U51]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U56]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U61]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

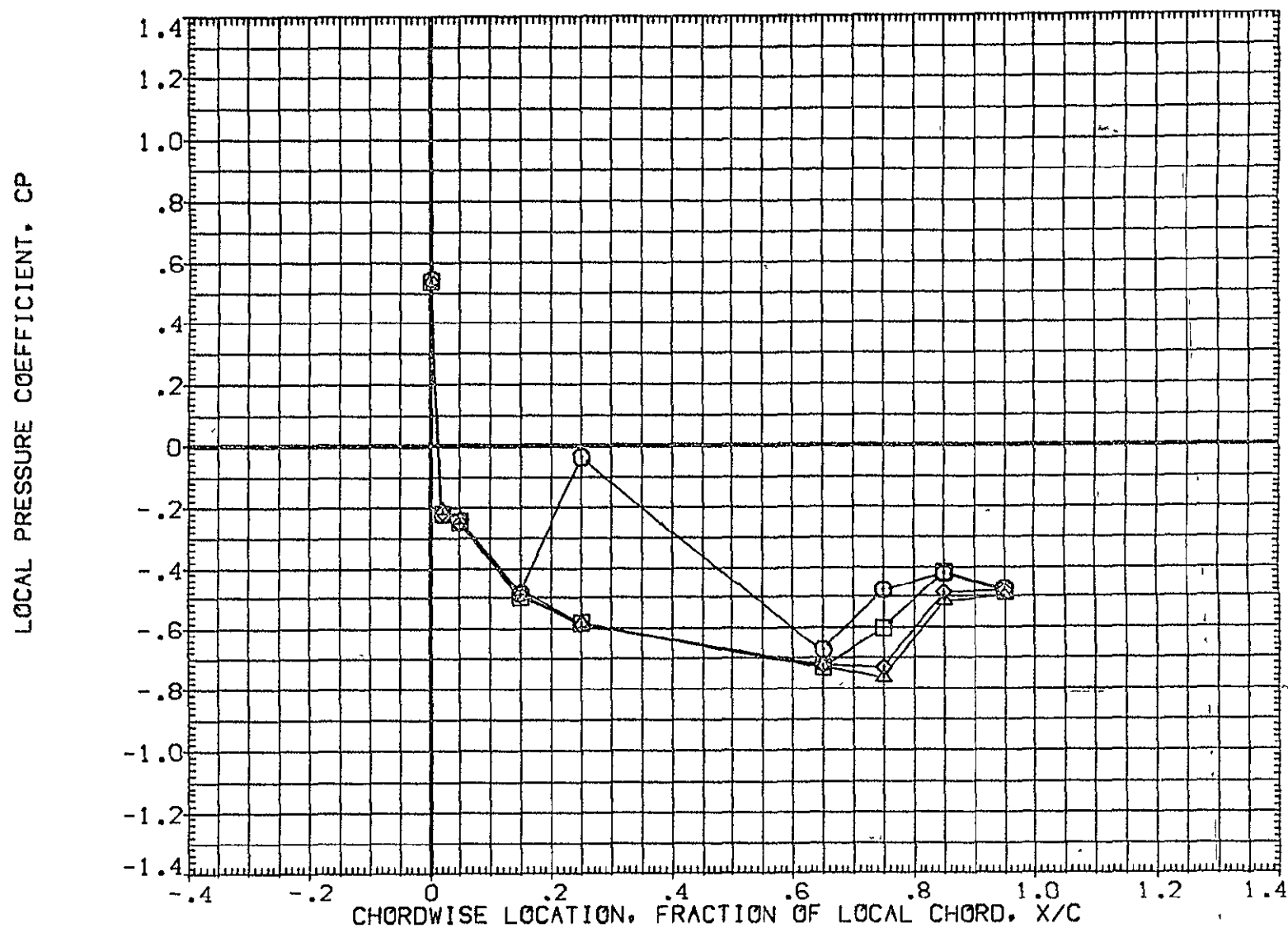


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 8.000 2Y/B = .771 PAGE 898

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	1.000	1.000	1.000	1.000
{AF7U56}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

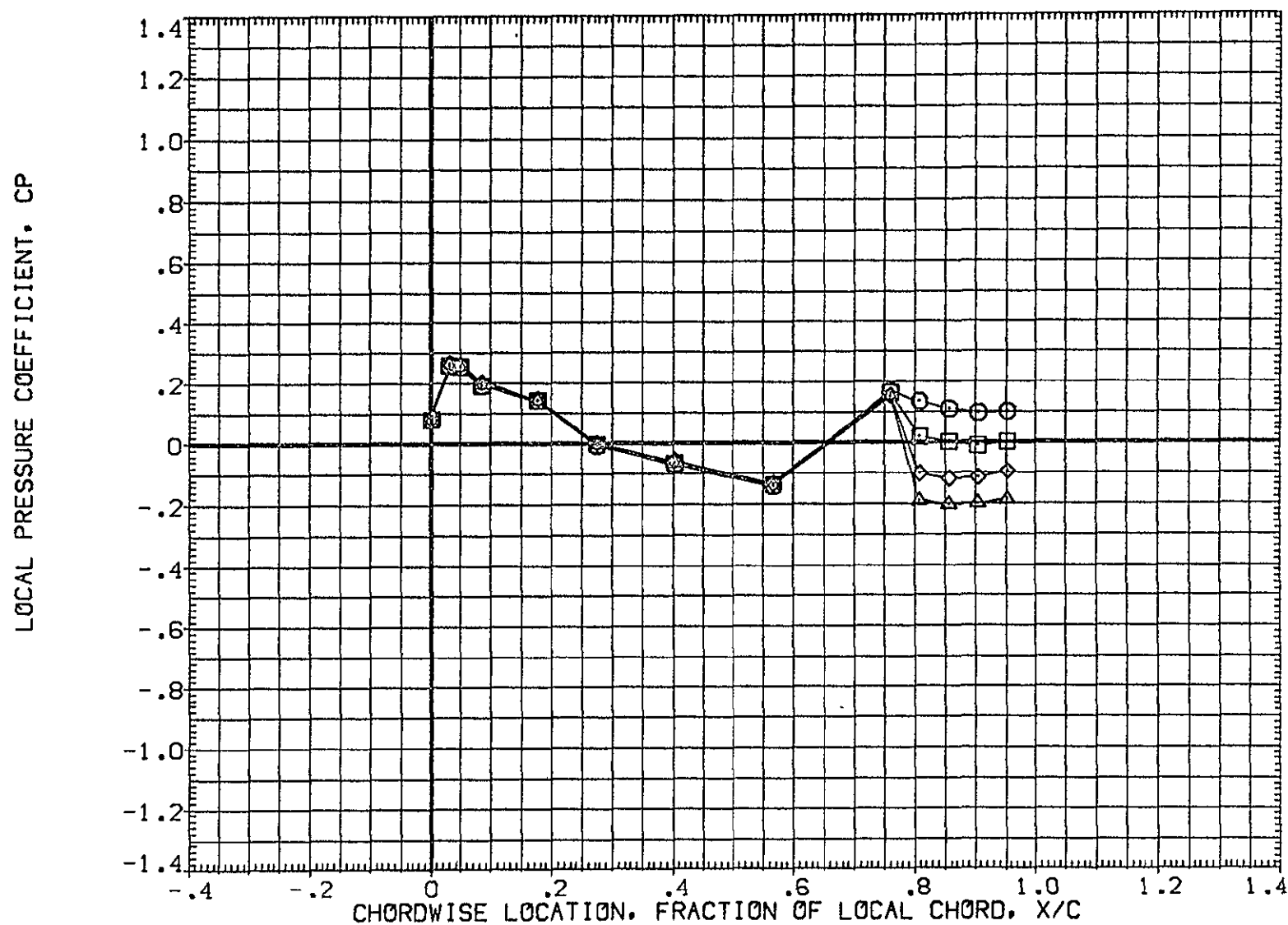


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

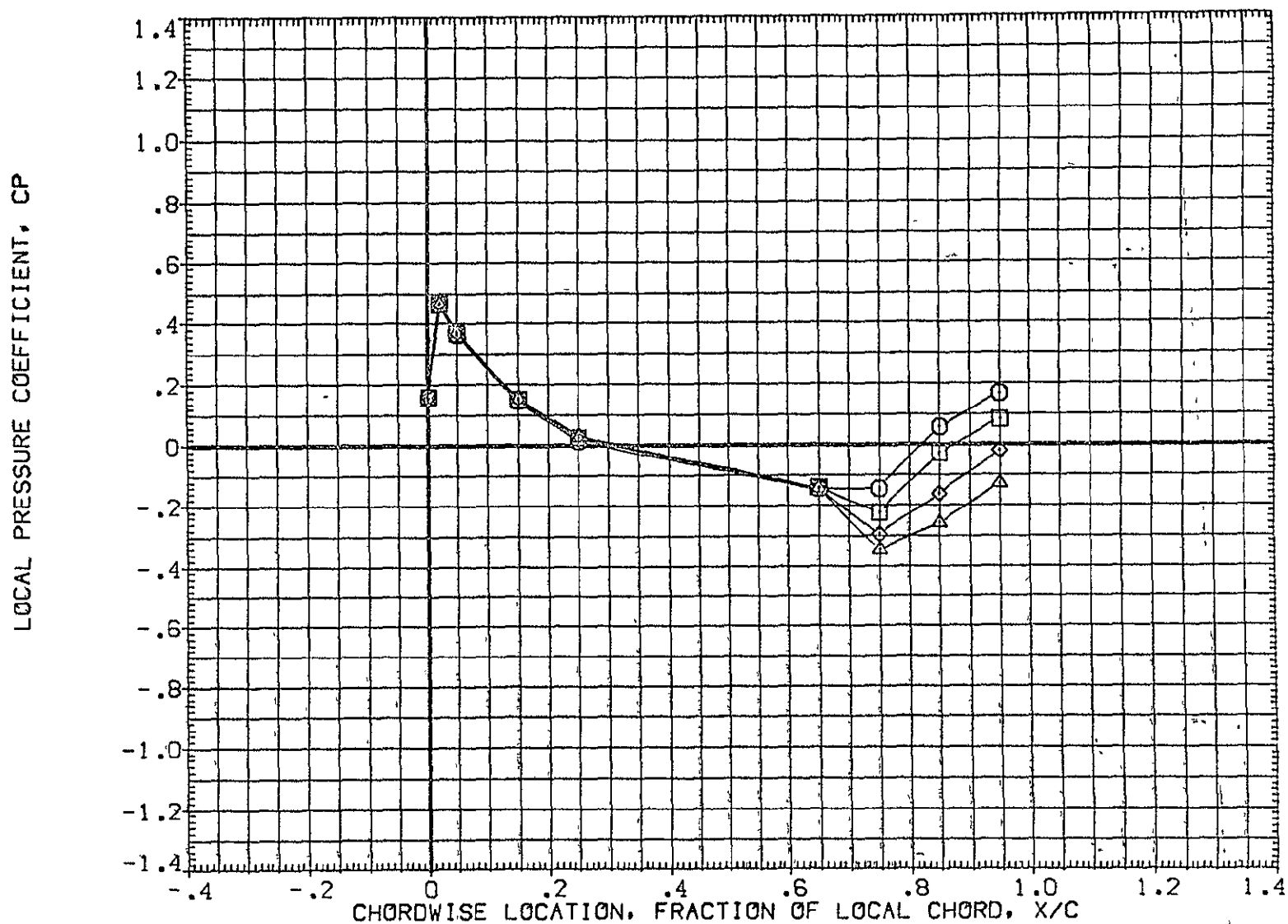


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -8.000 2Y/B = .771 PAGE 900

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

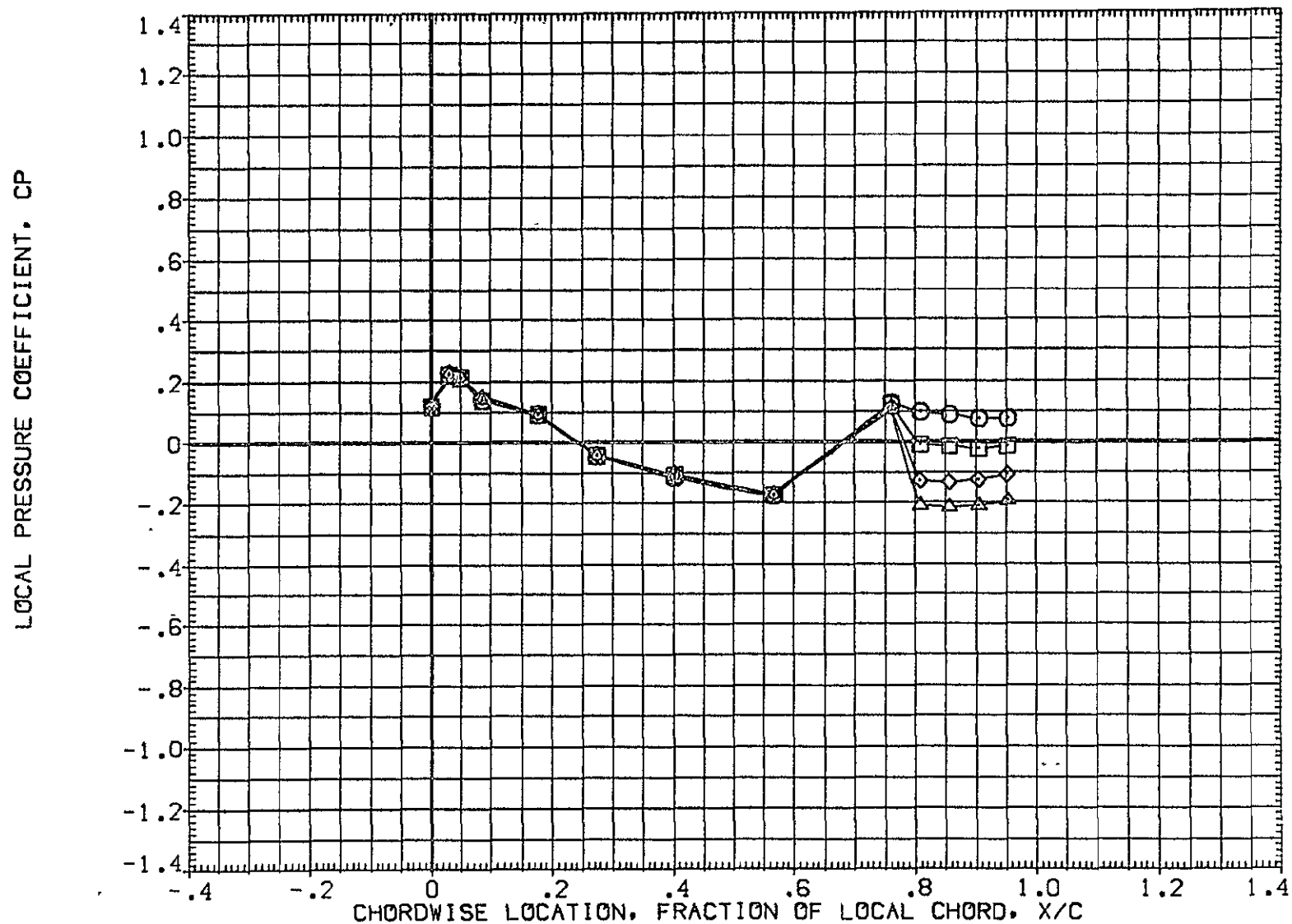


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -6.000 2Y/B = .436 PAGE 901

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

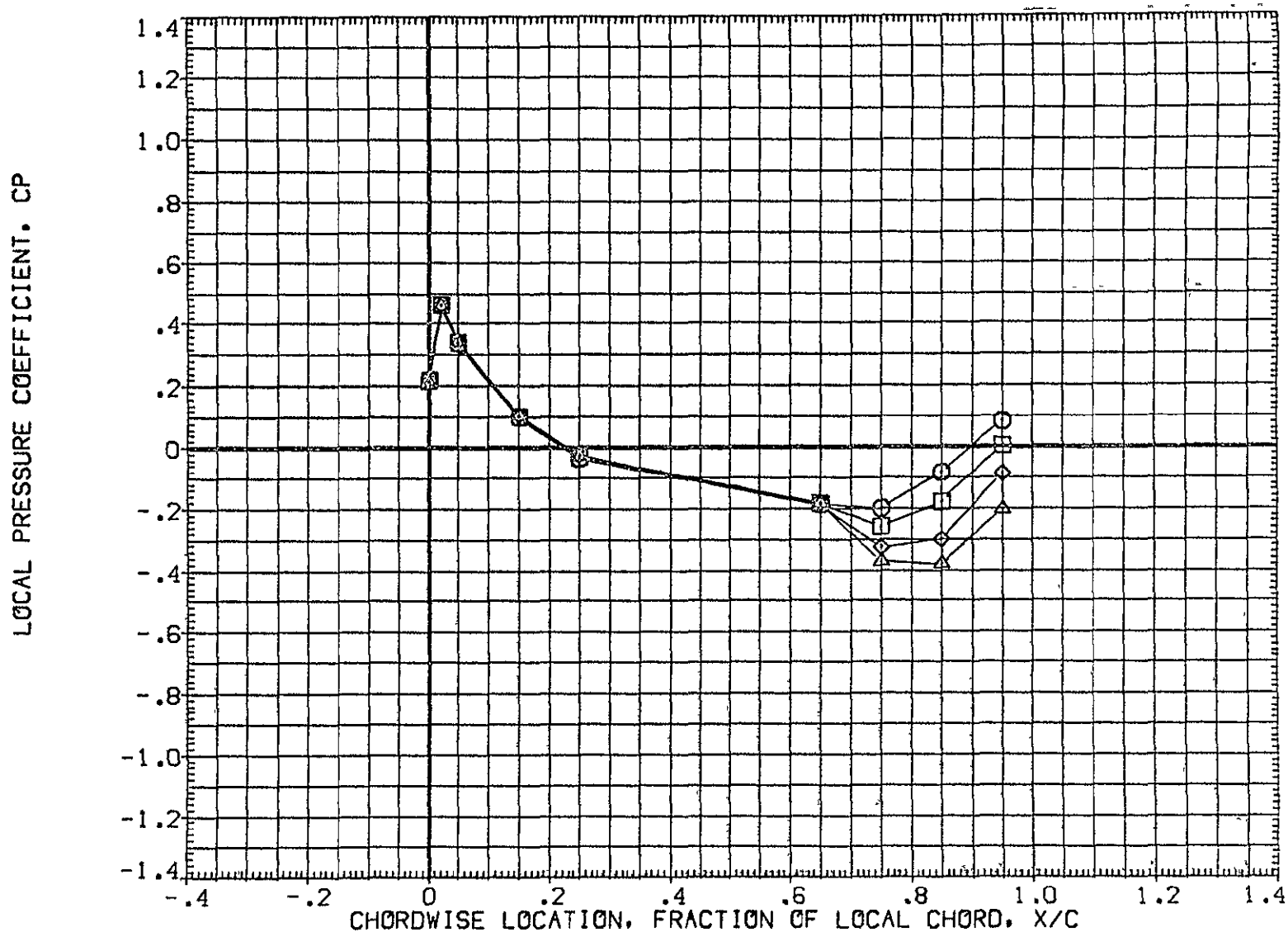


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -6.000 2Y/B = .771 PAGE 902

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

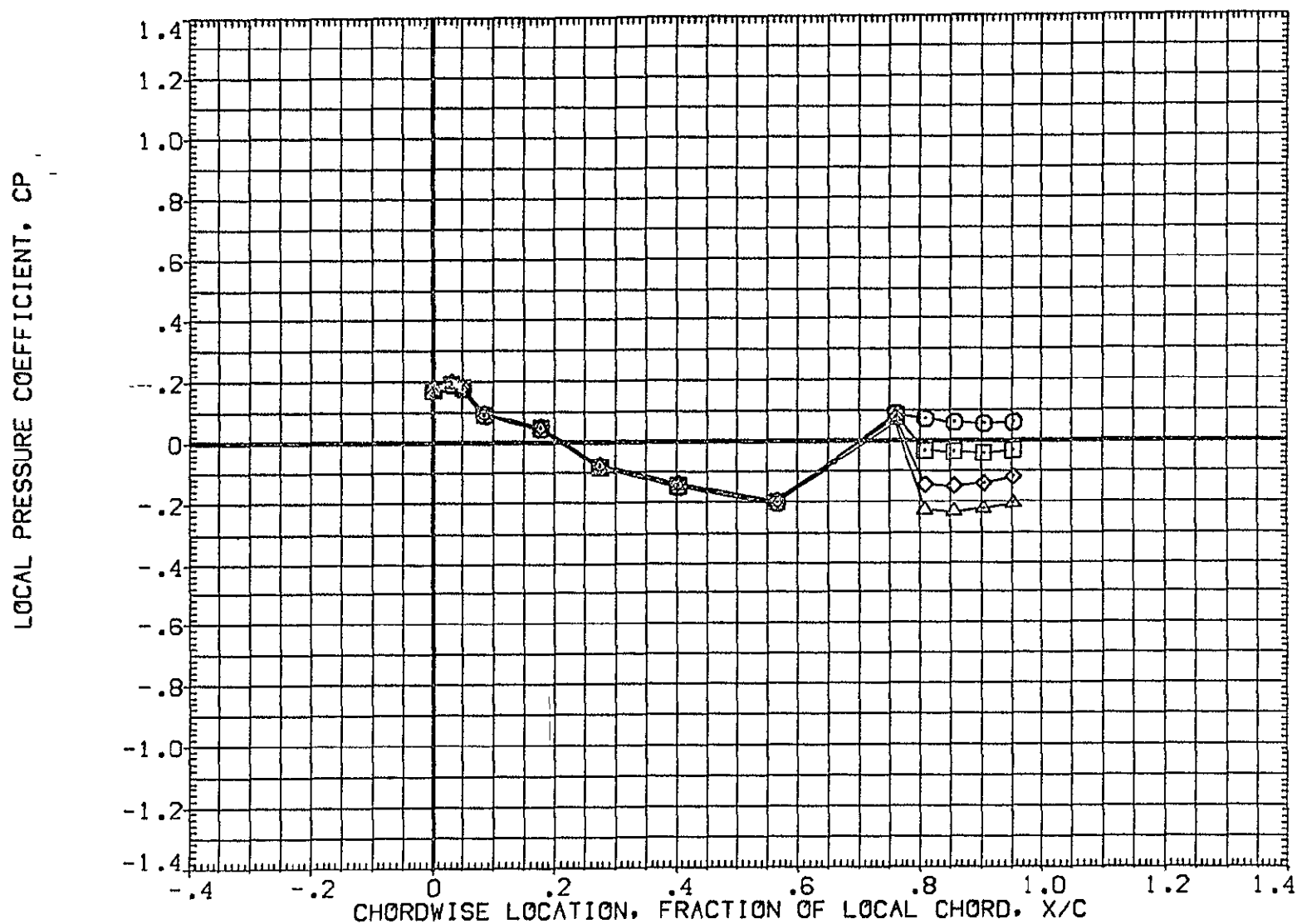


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -4.000 2Y/B = .436 PAGE 903



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

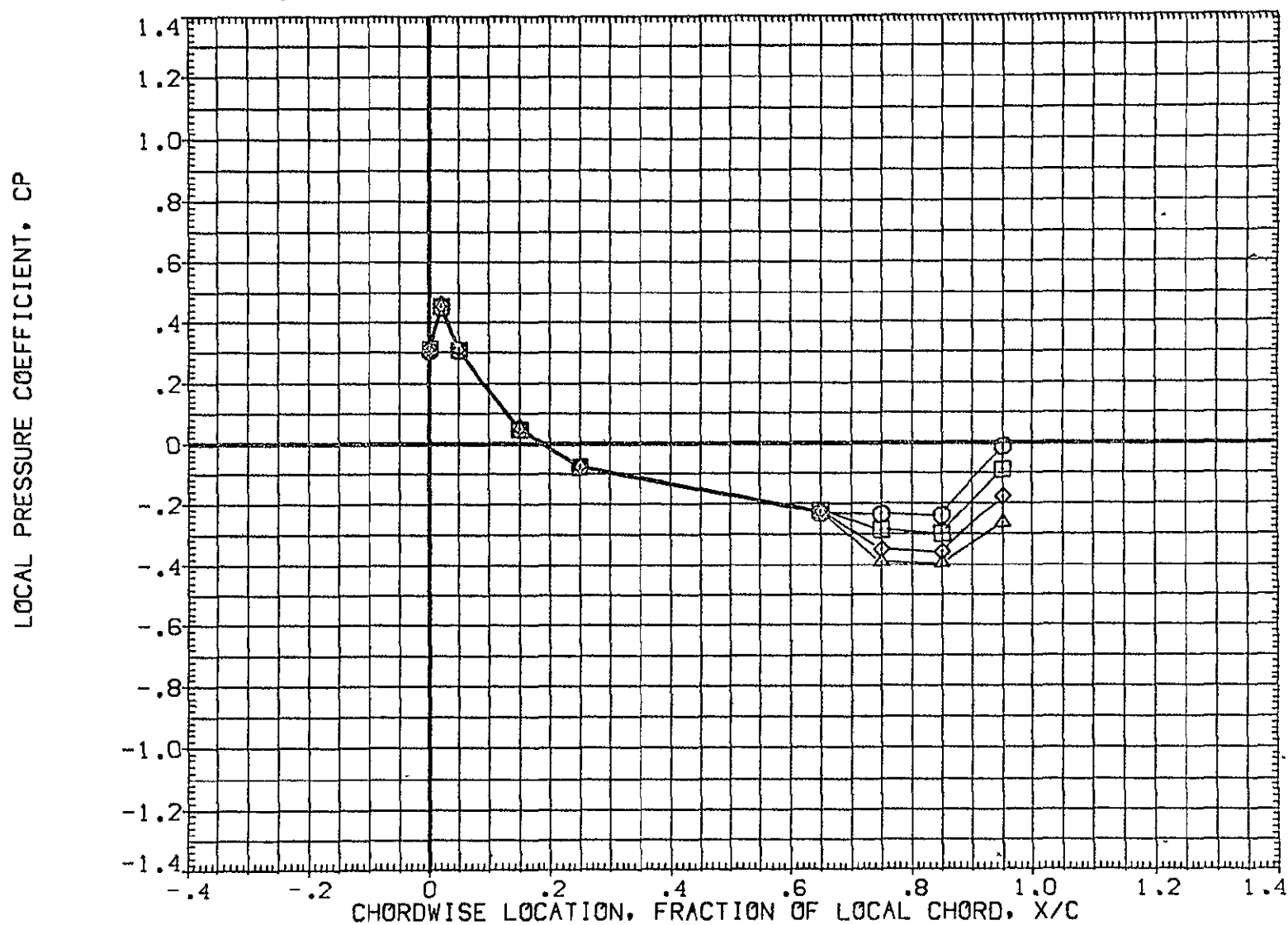


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

PAGE 904

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

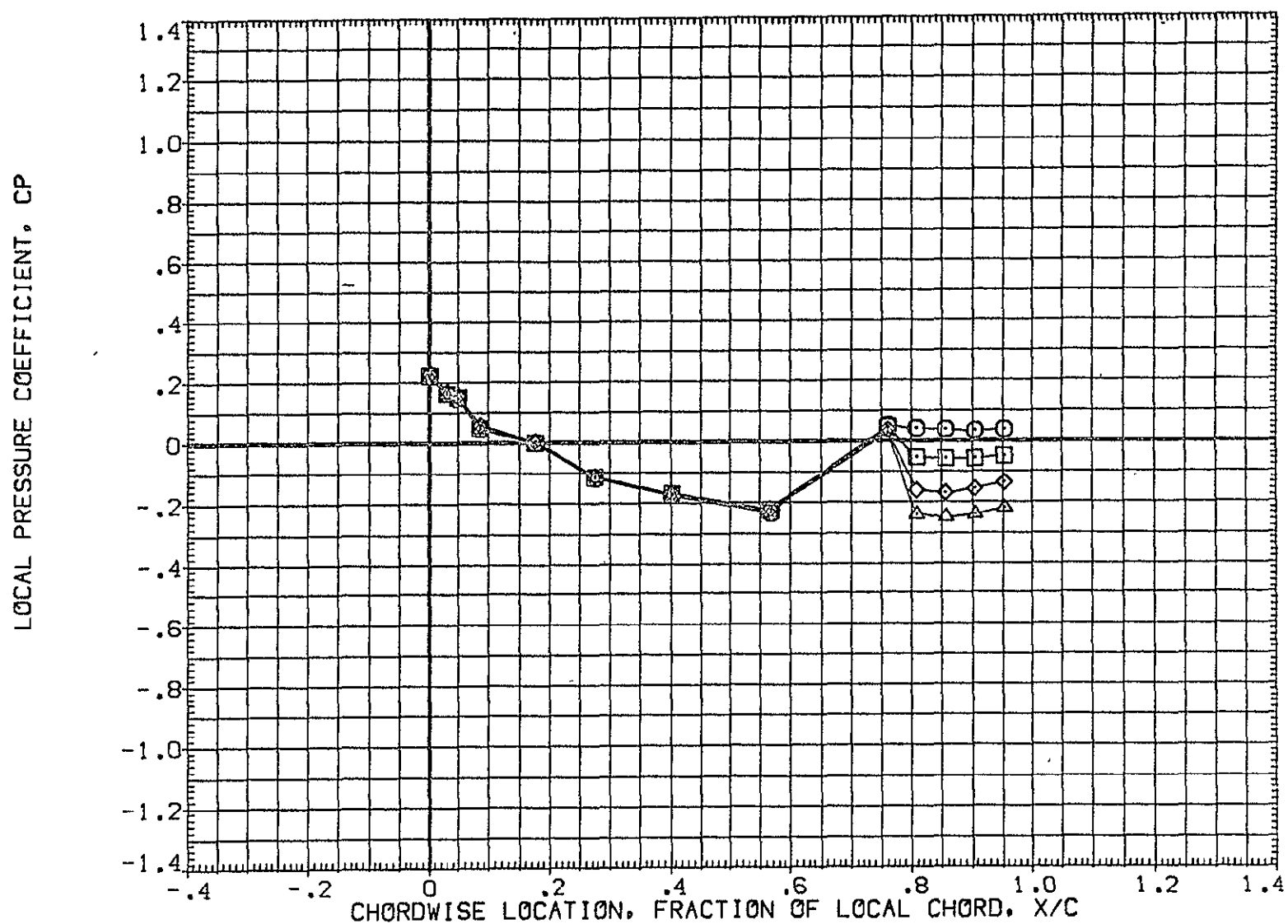


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -2.000 2Y/B = .436 PAGE 905

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

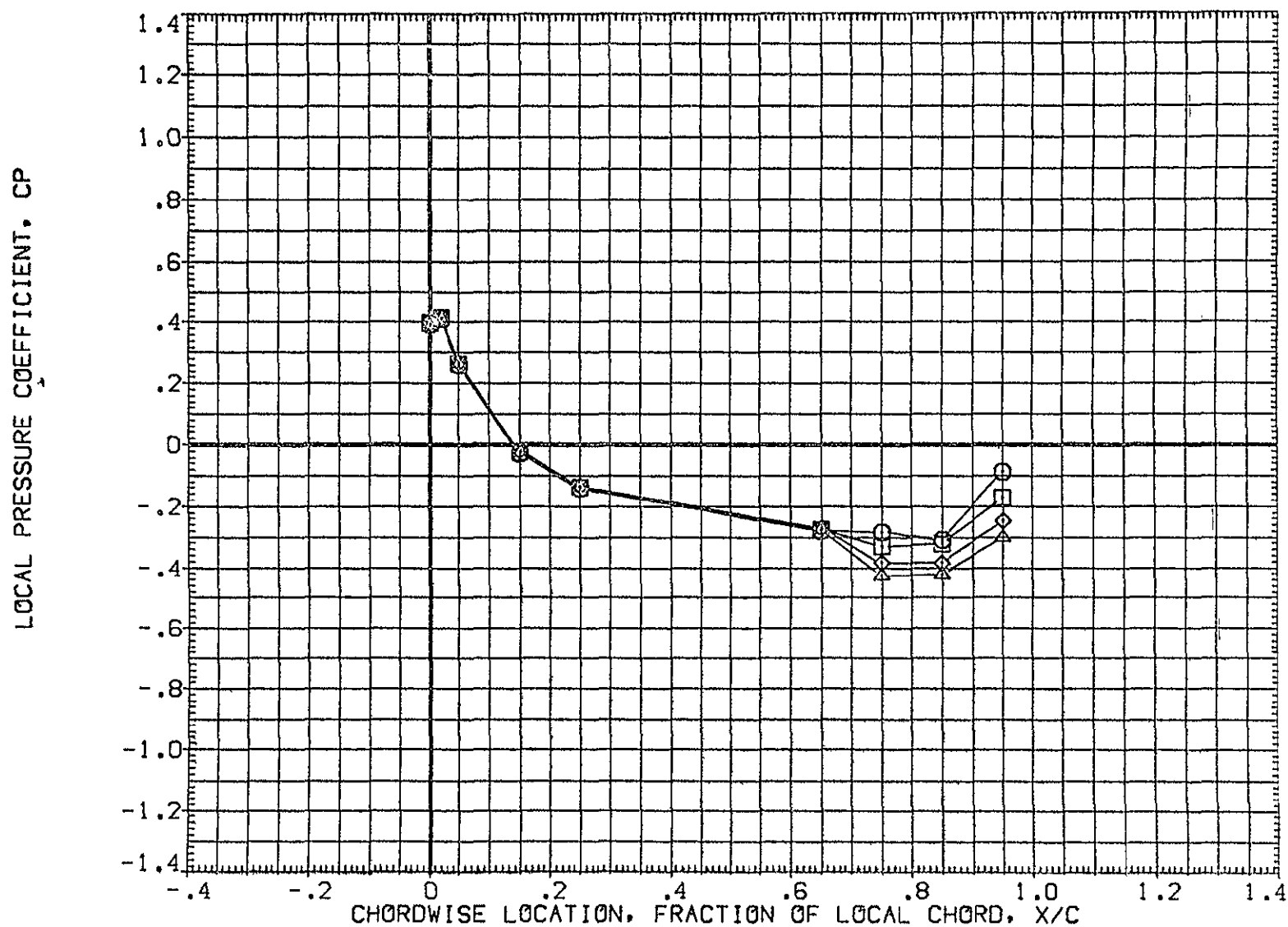


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -2.000 2Y/B = .771 PAGE 906

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U4B}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

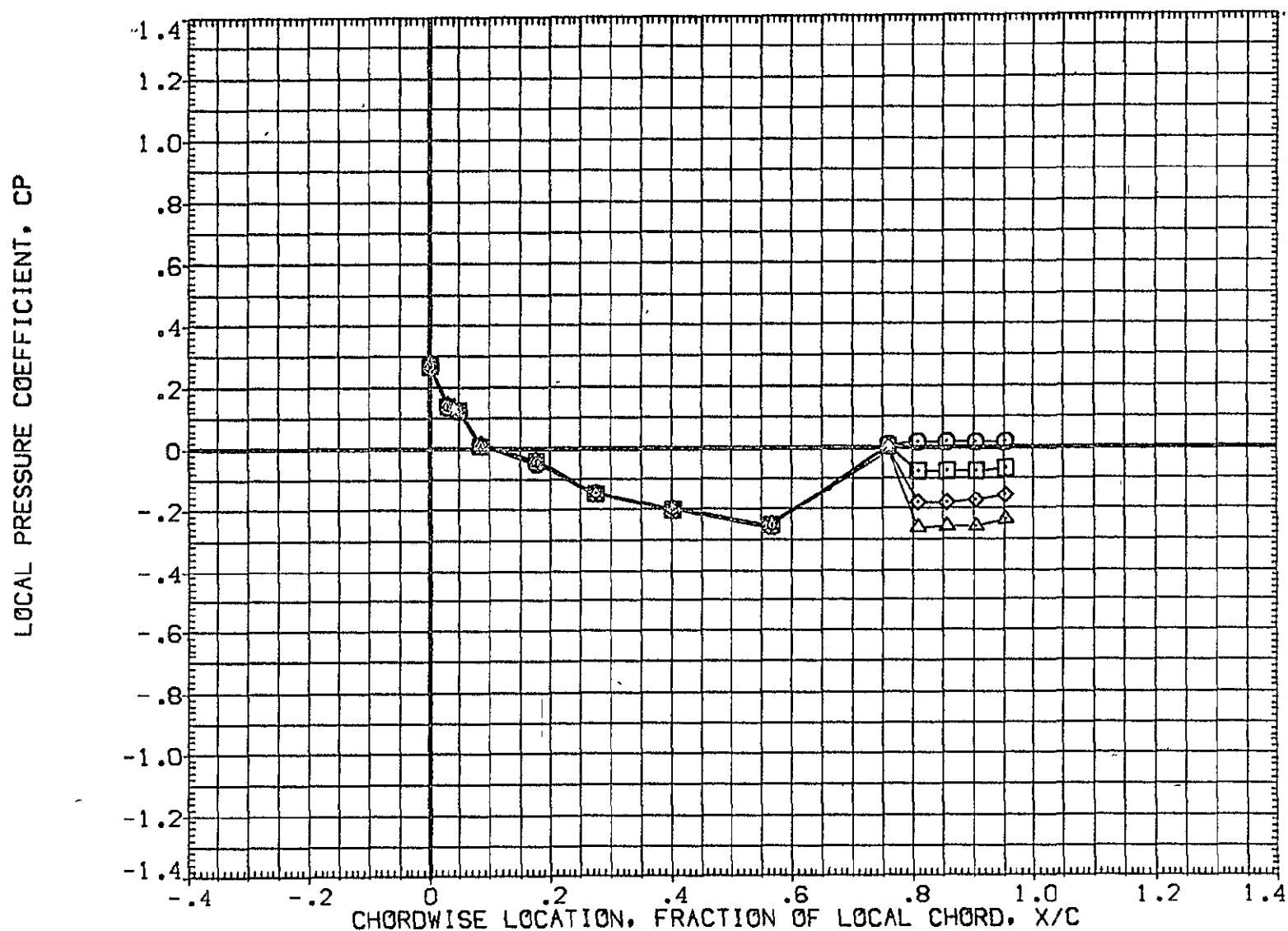


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = .000 2Y/B = .436 PAGE 907

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

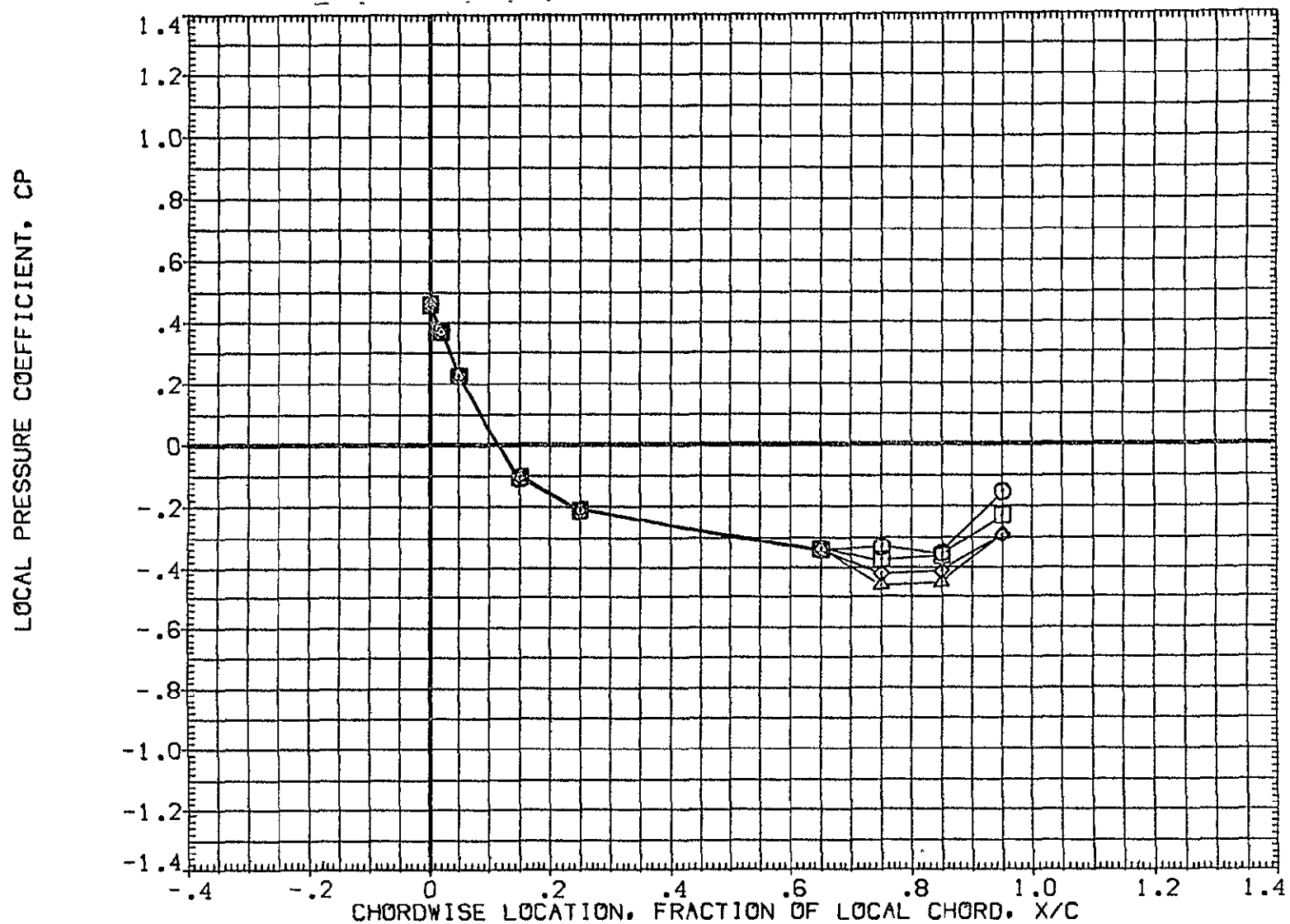


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

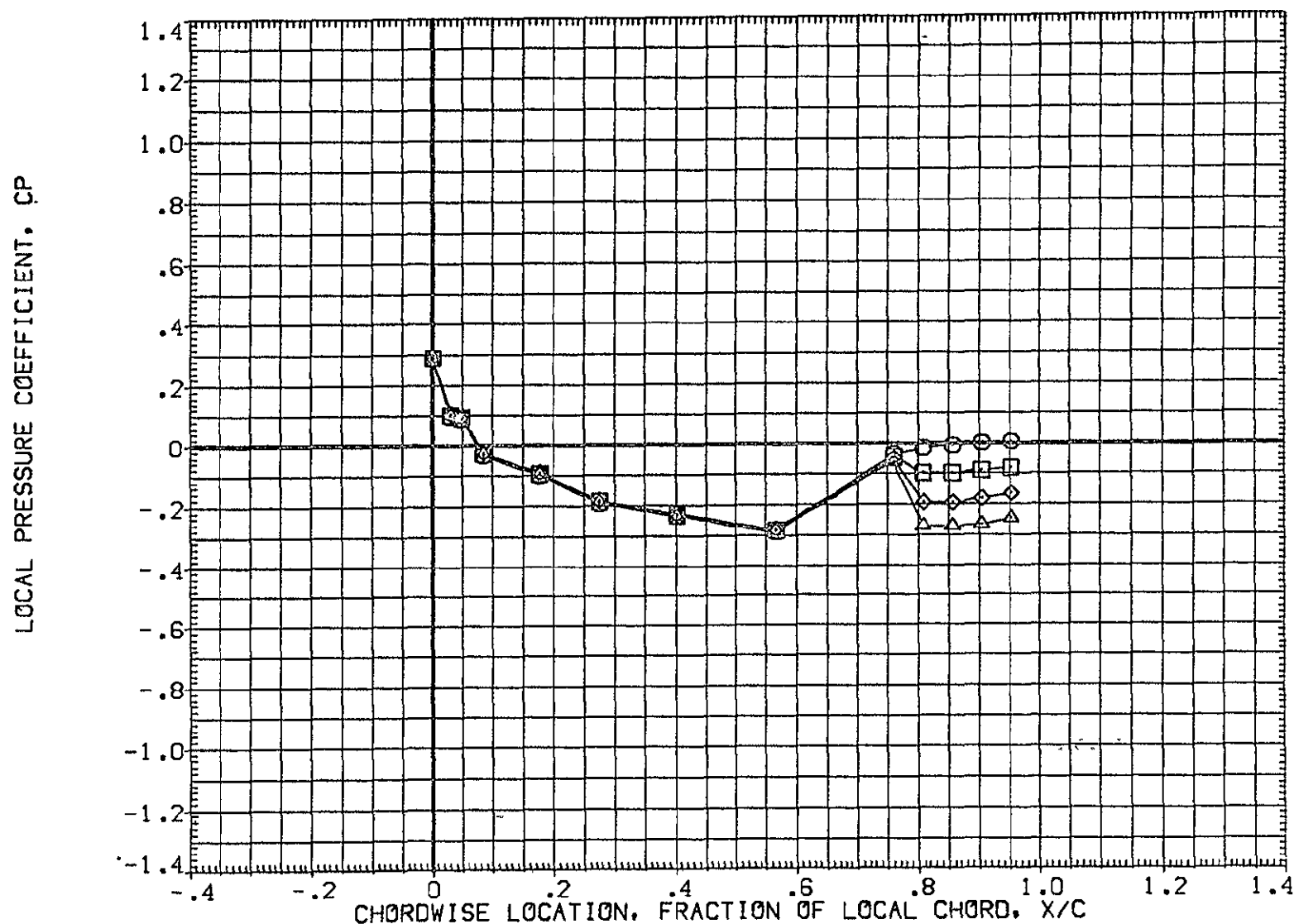


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 2.000 2Y/B = .436 PAGE 909

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

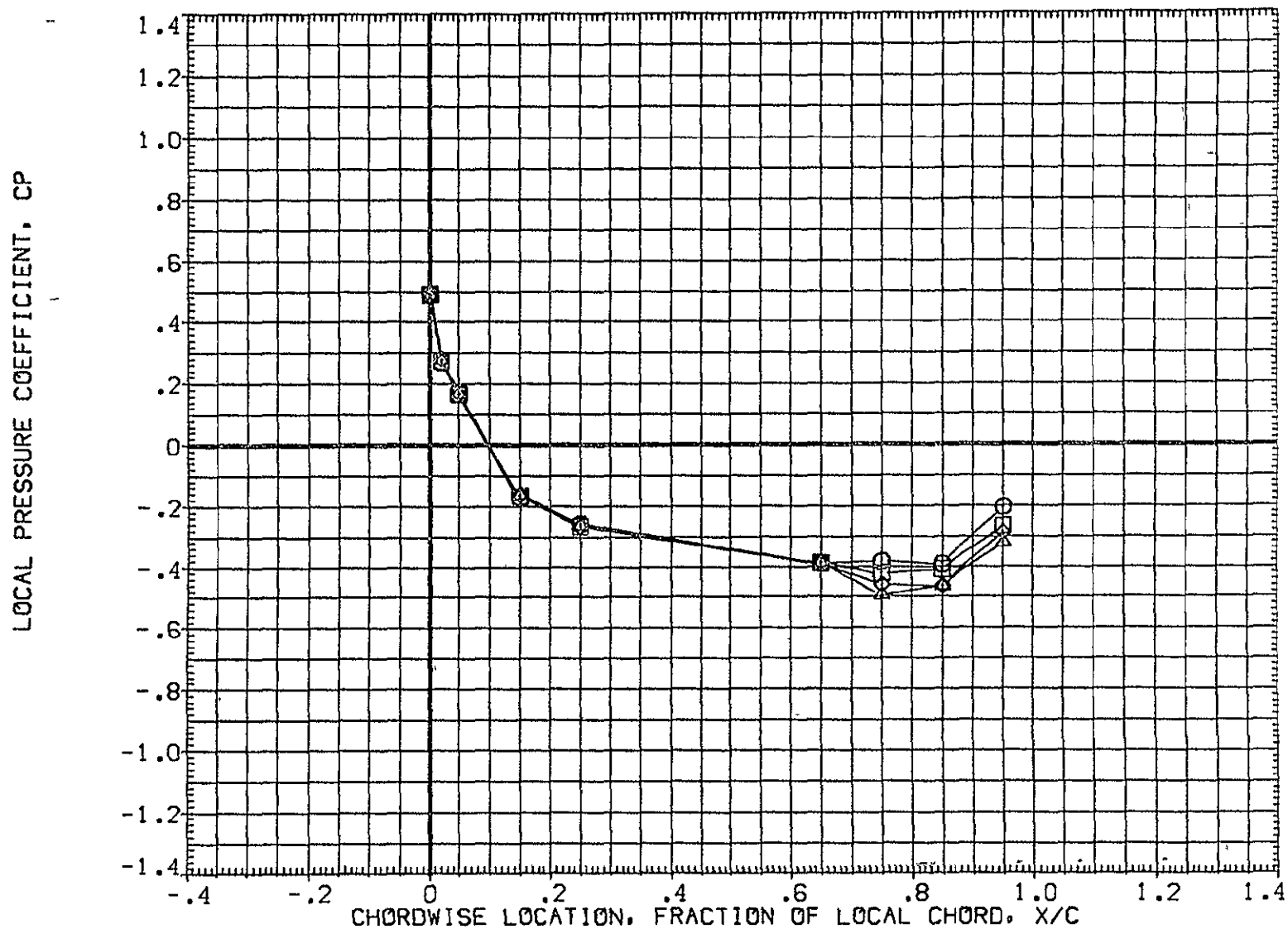


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 2.000 2Y/B = .771 PAGE 910

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U46]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U51]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U56]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U61]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

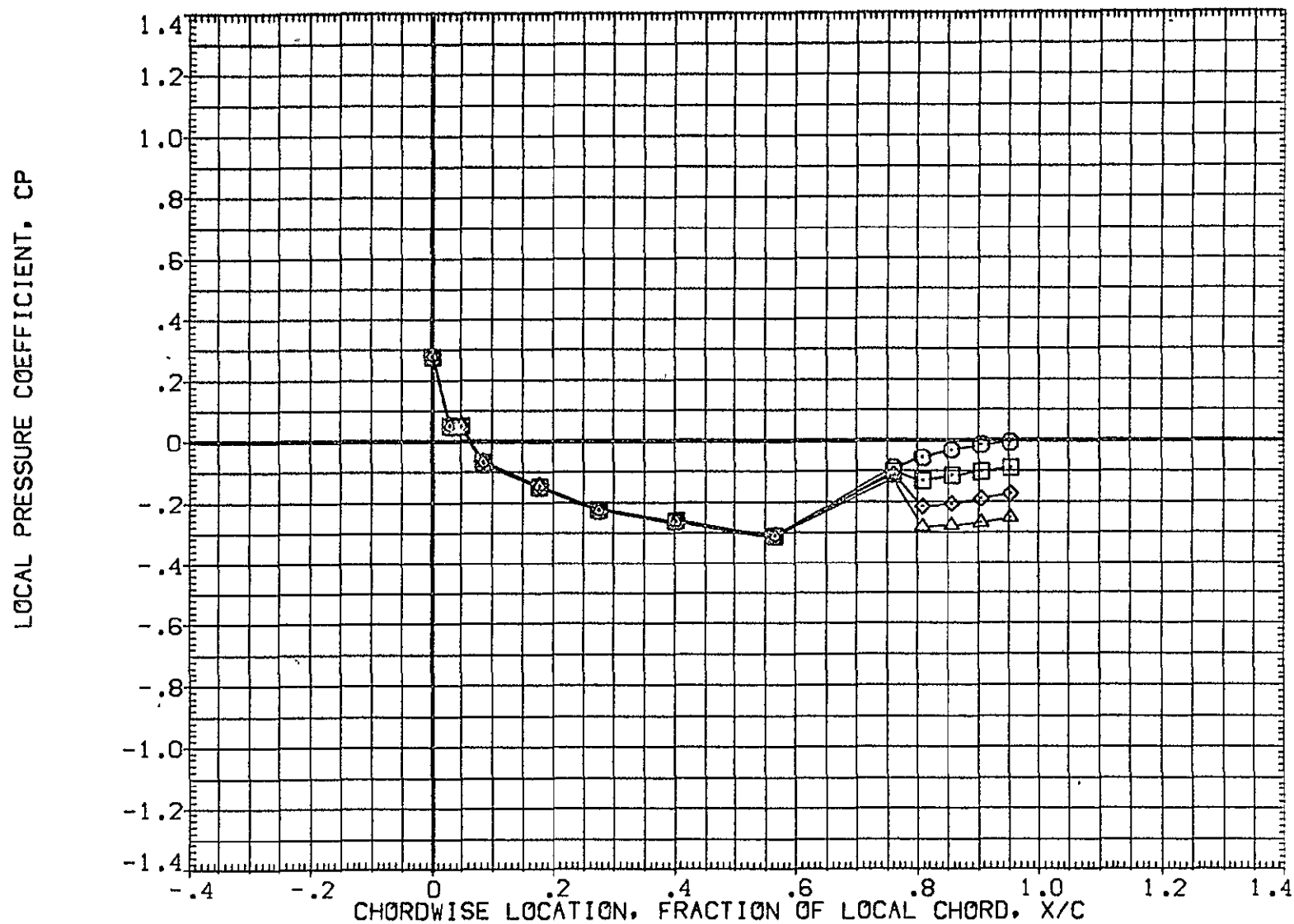


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 4.000 2Y/B = .436 PAGE 911



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

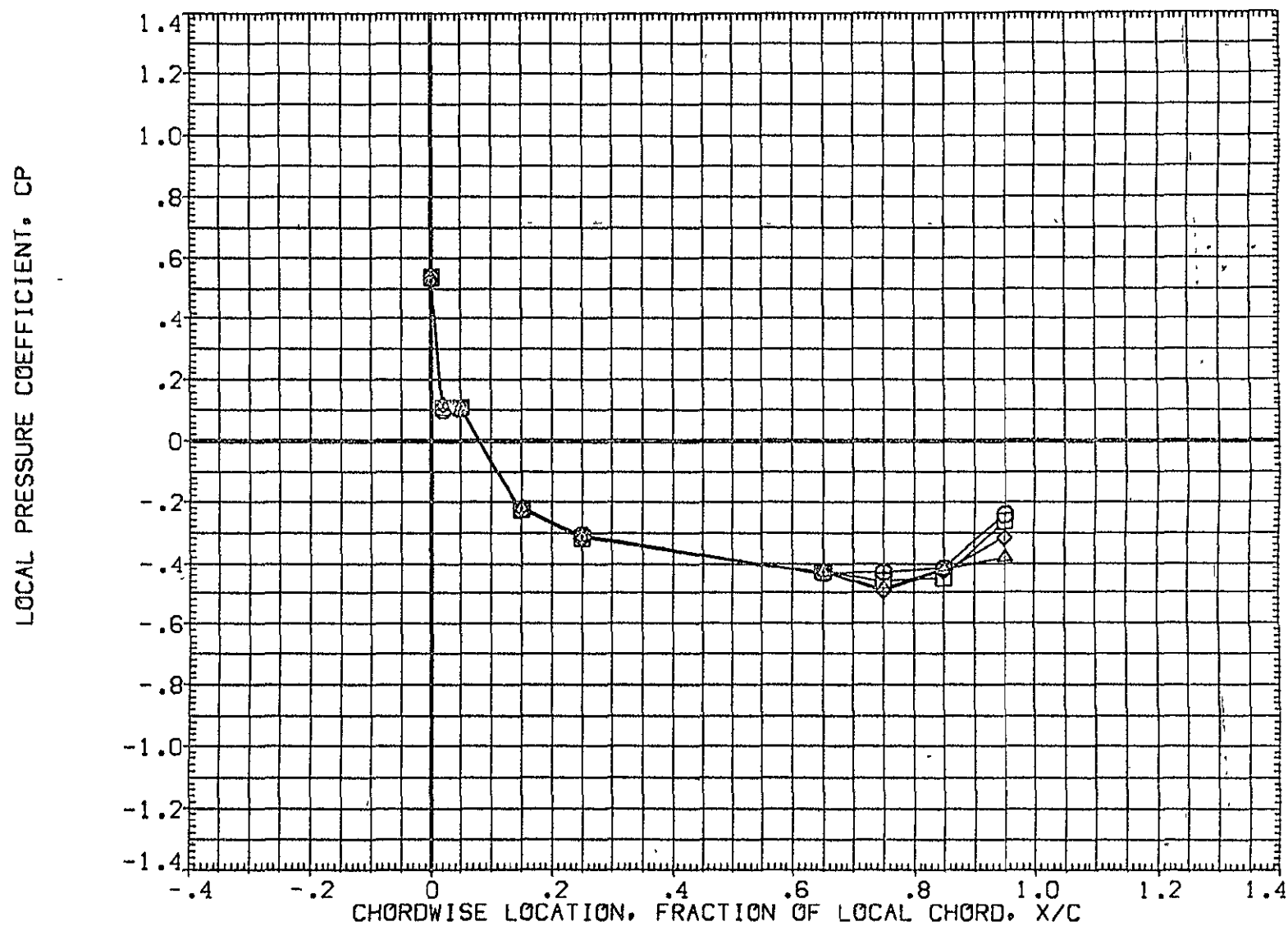


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 4.000 2Y/B = .771 PAGE 912

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

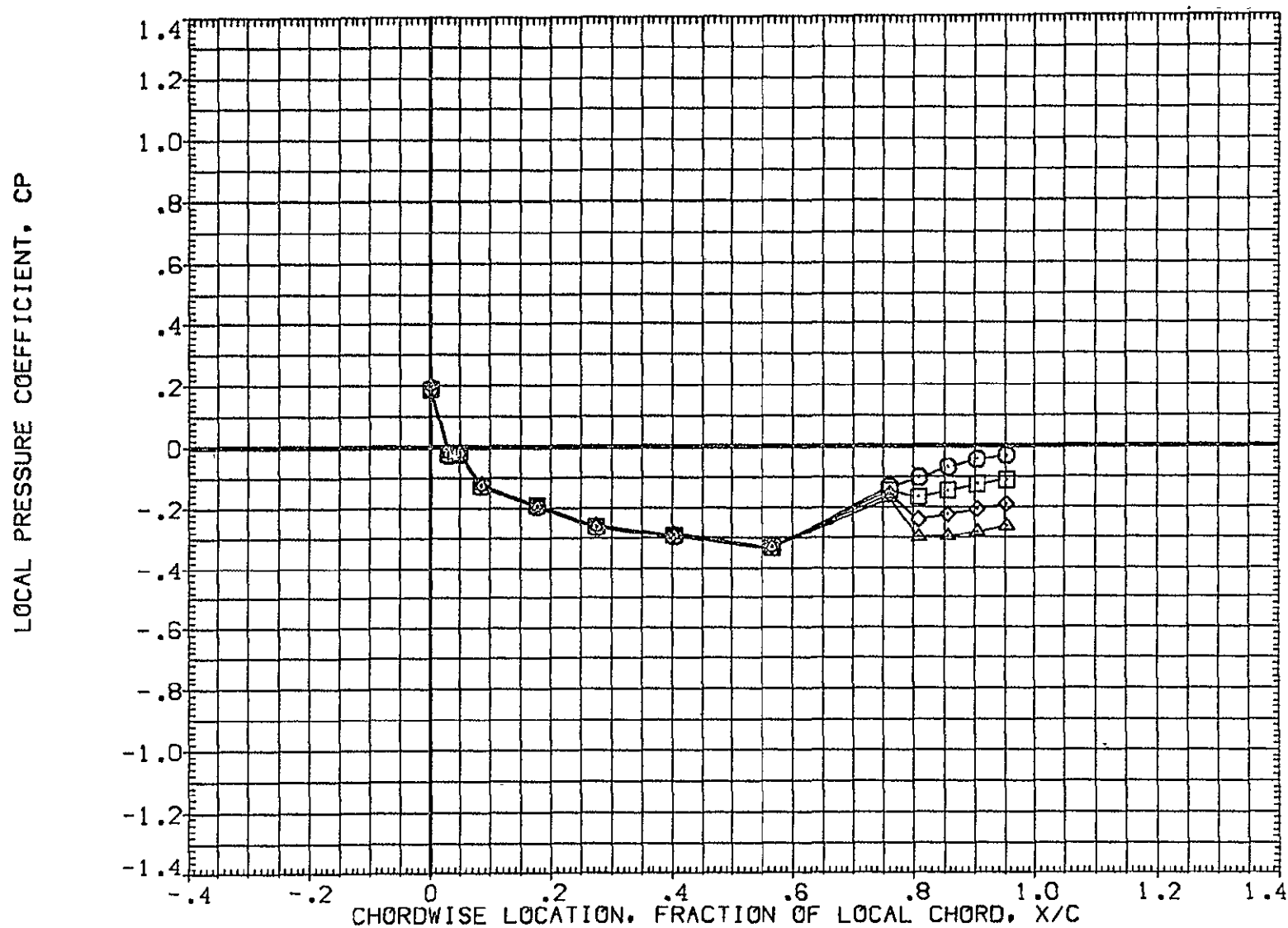


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 6.000 2Y/B = .436 PAGE 913

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

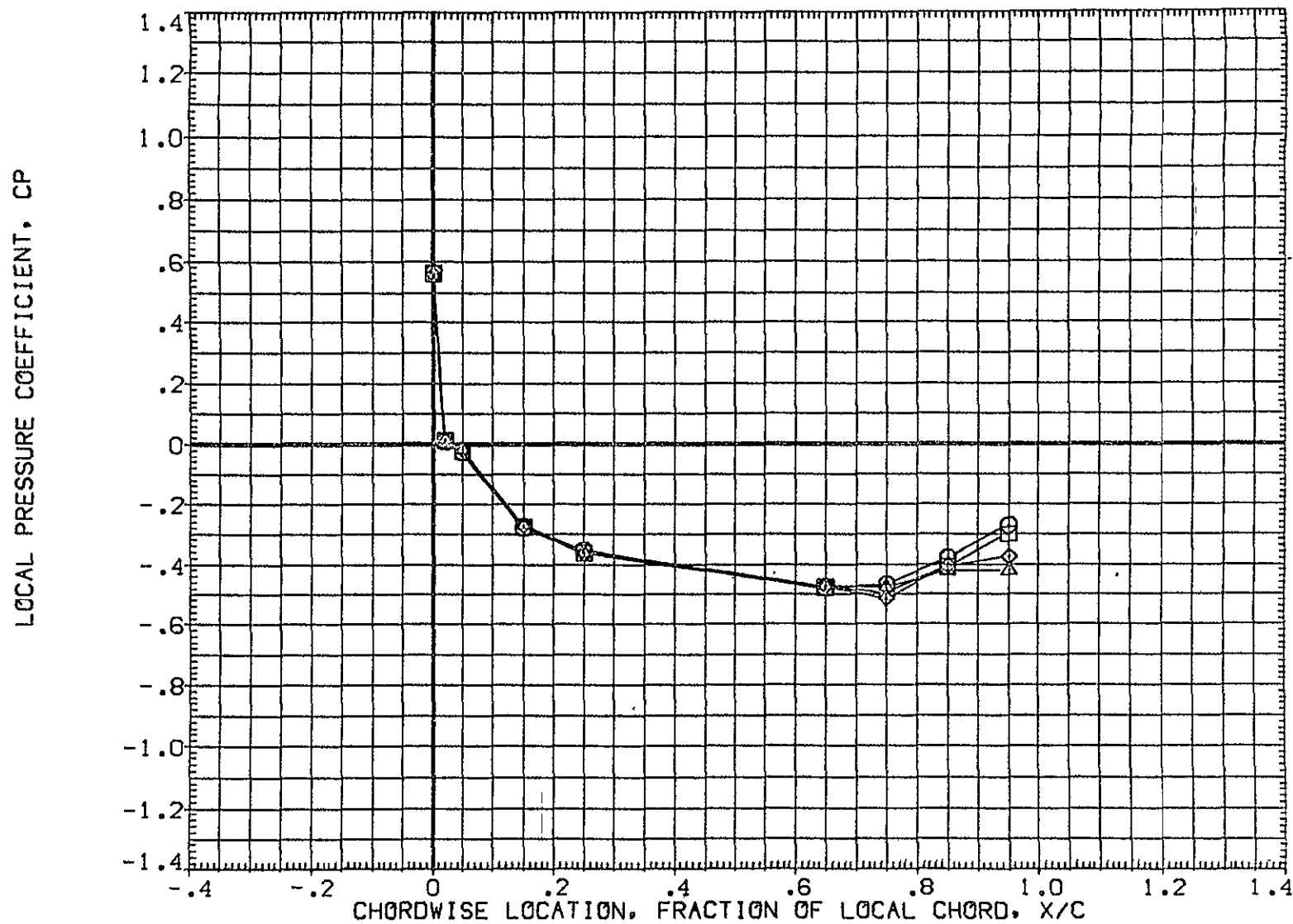


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -4$   
MACH = 1.500 ALPHA = 6.000  $2Y/B = .771$  PAGE 914

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U46)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U51)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U56)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U61)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

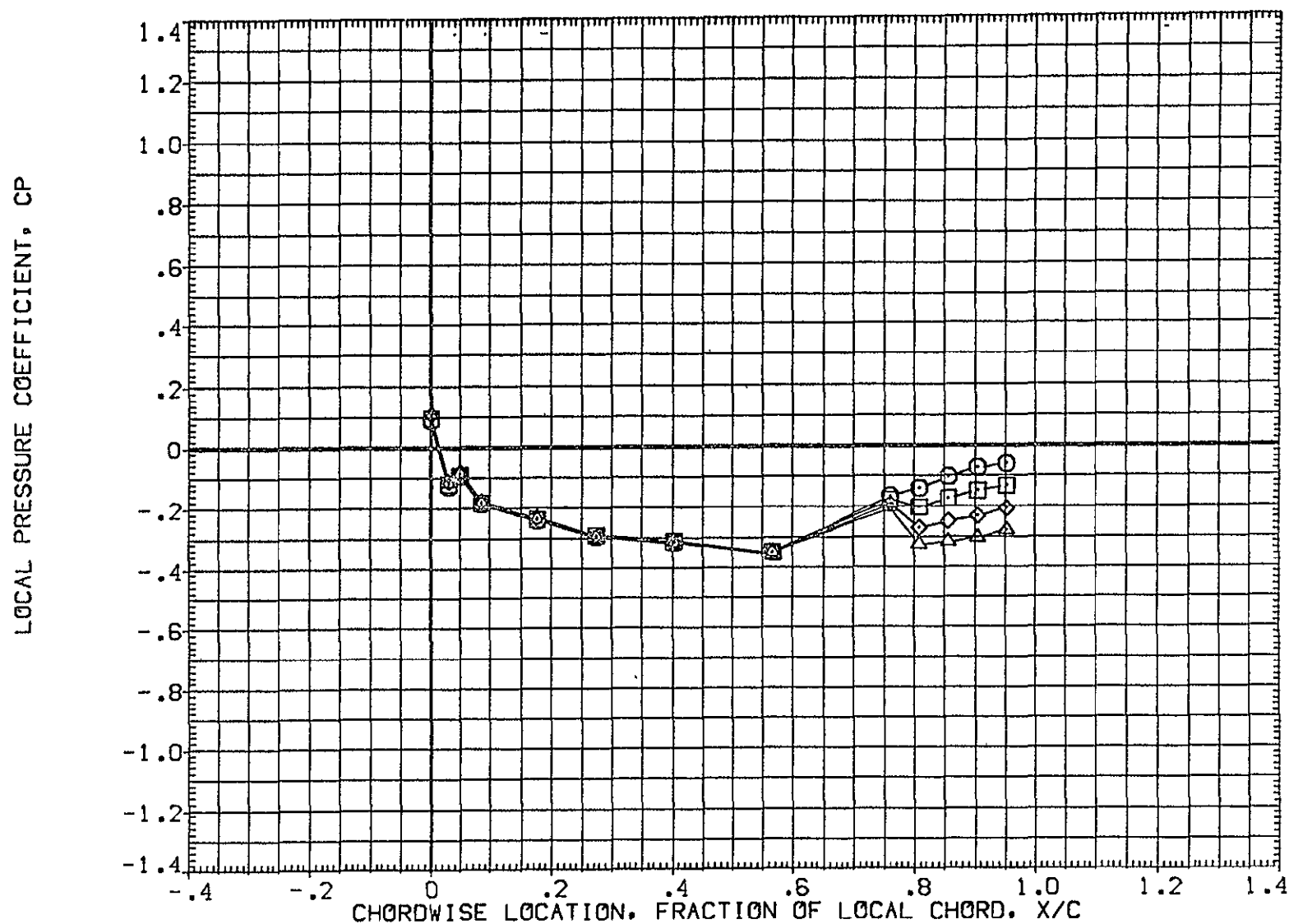


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 8.000 2Y/B = .436 PAGE 915

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U46}	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	.000	.000	.000	.000
{AF7U51}	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U56}	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U61}	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	12.000	12.000	12.000

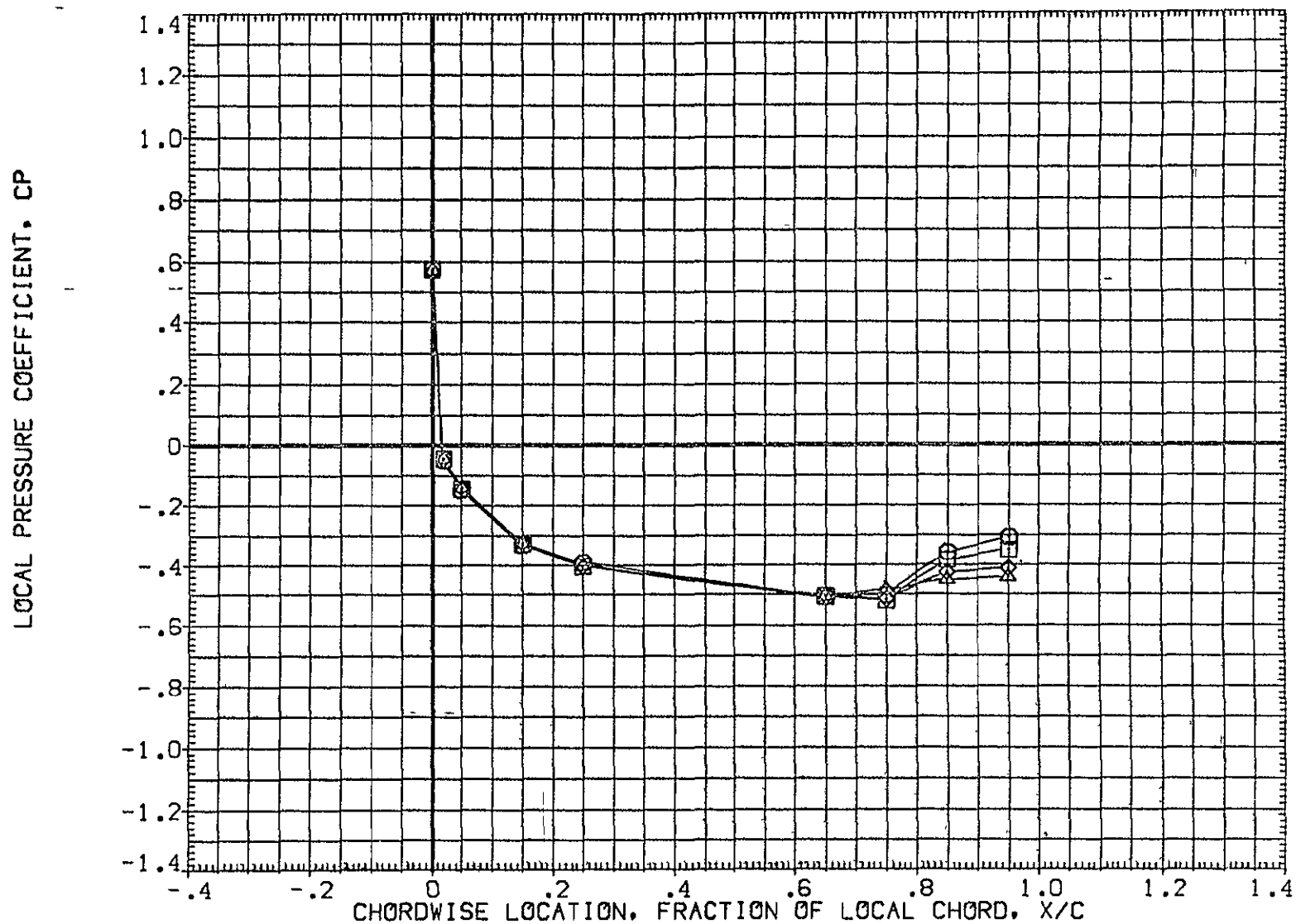


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 8.000 2Y/B = .771 PAGE 916

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	○	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	□	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	◇	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	△	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

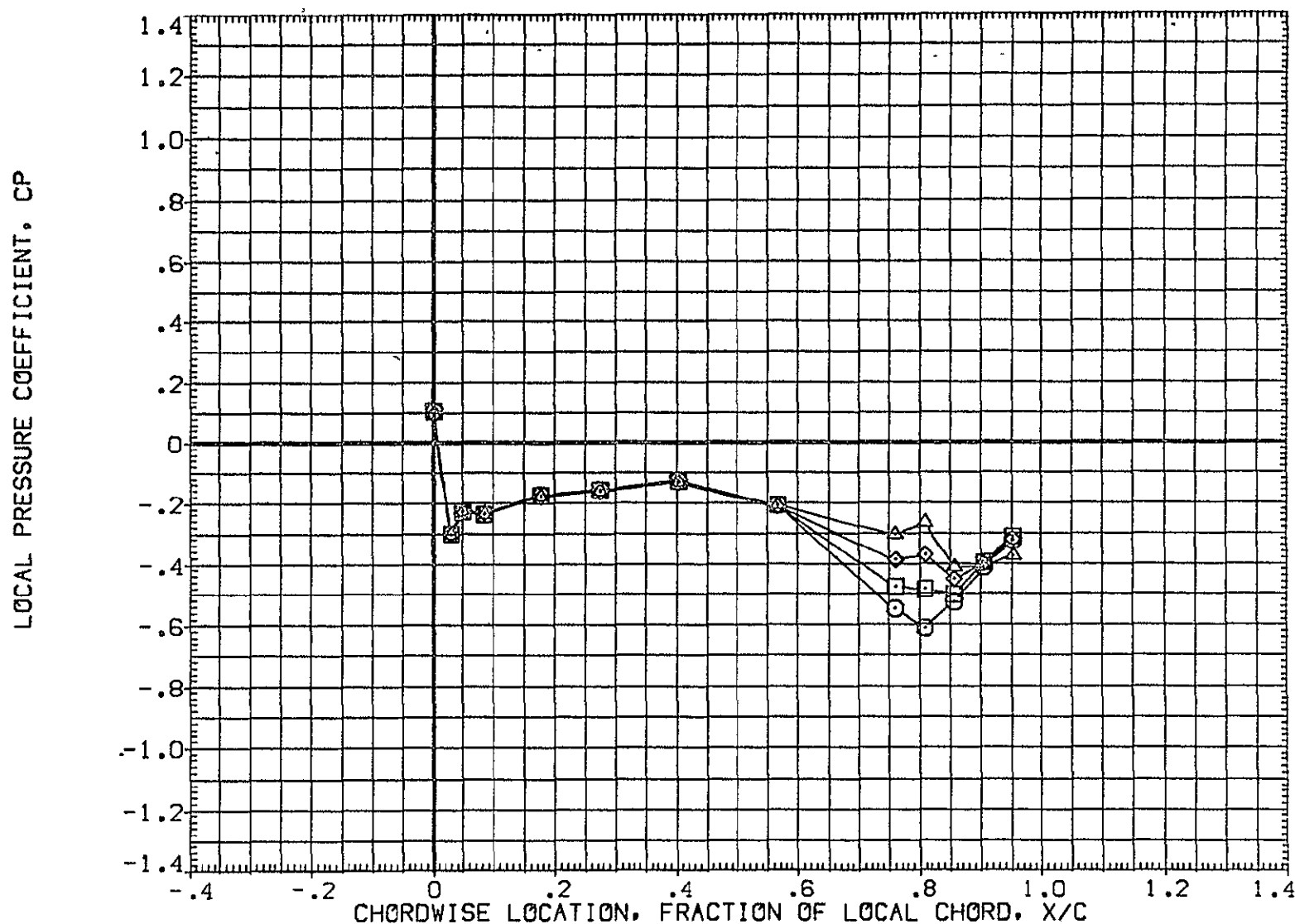


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

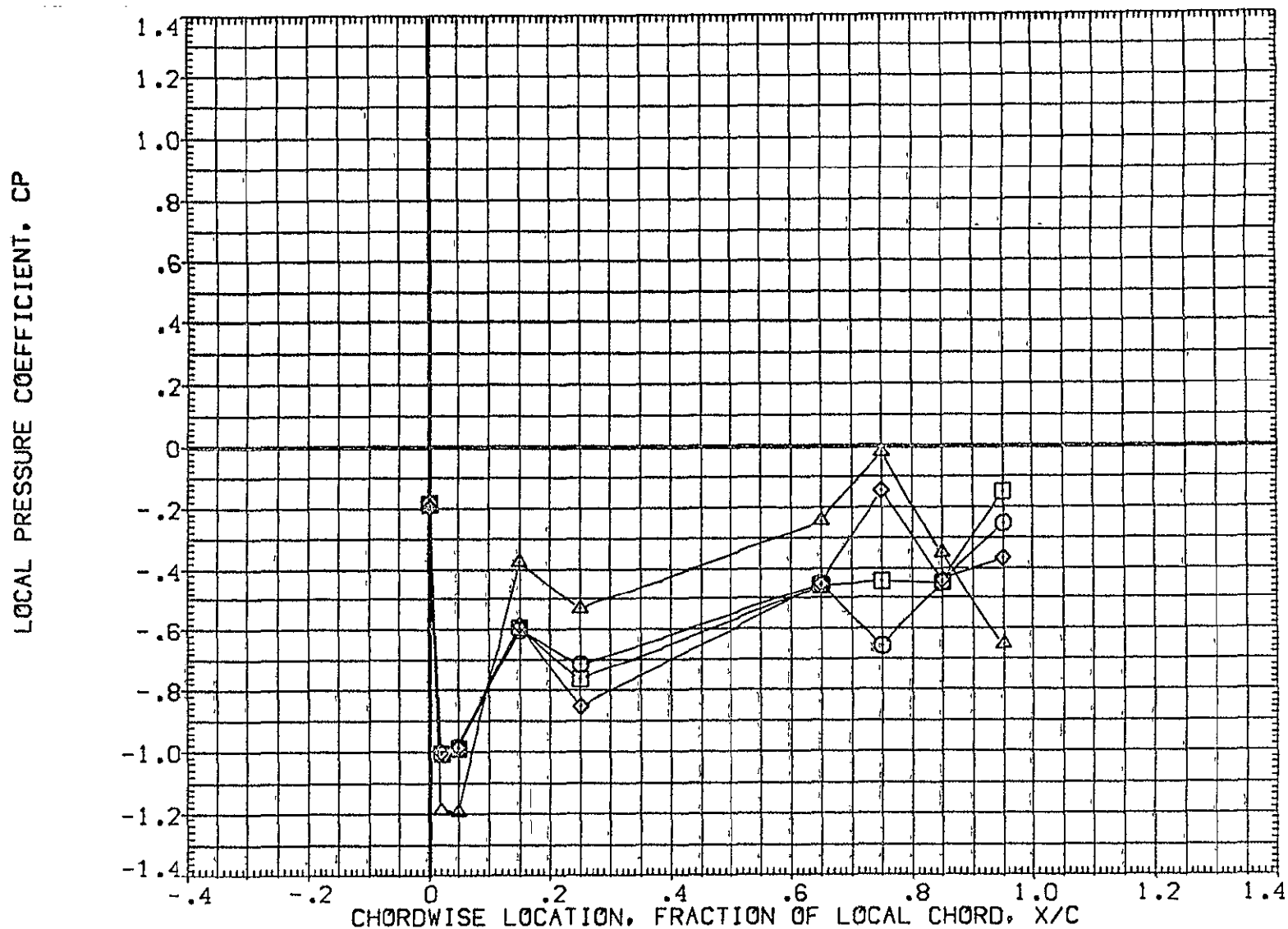


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -8.000 2Y/B = .771 PAGE 918

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

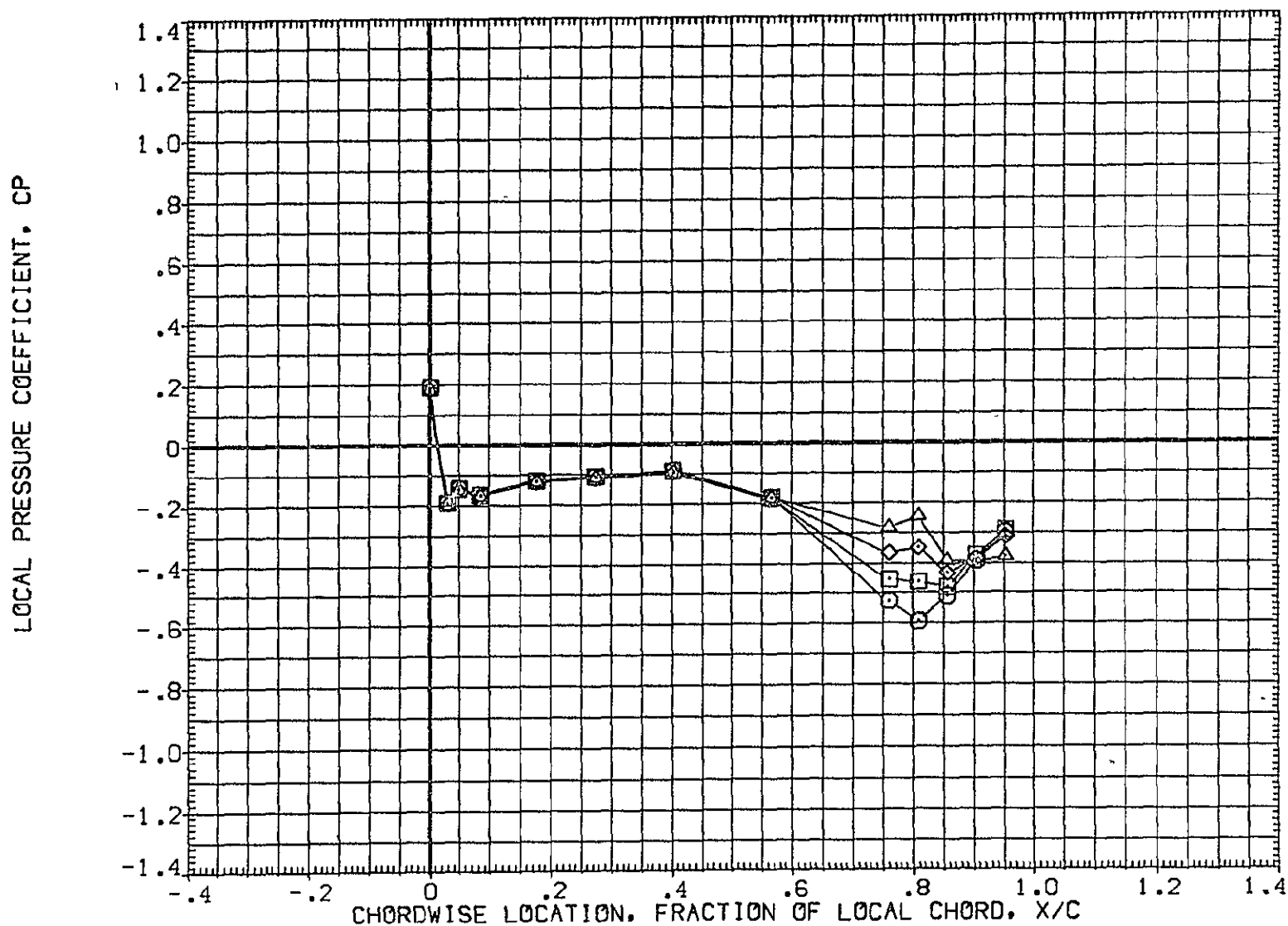


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -6.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

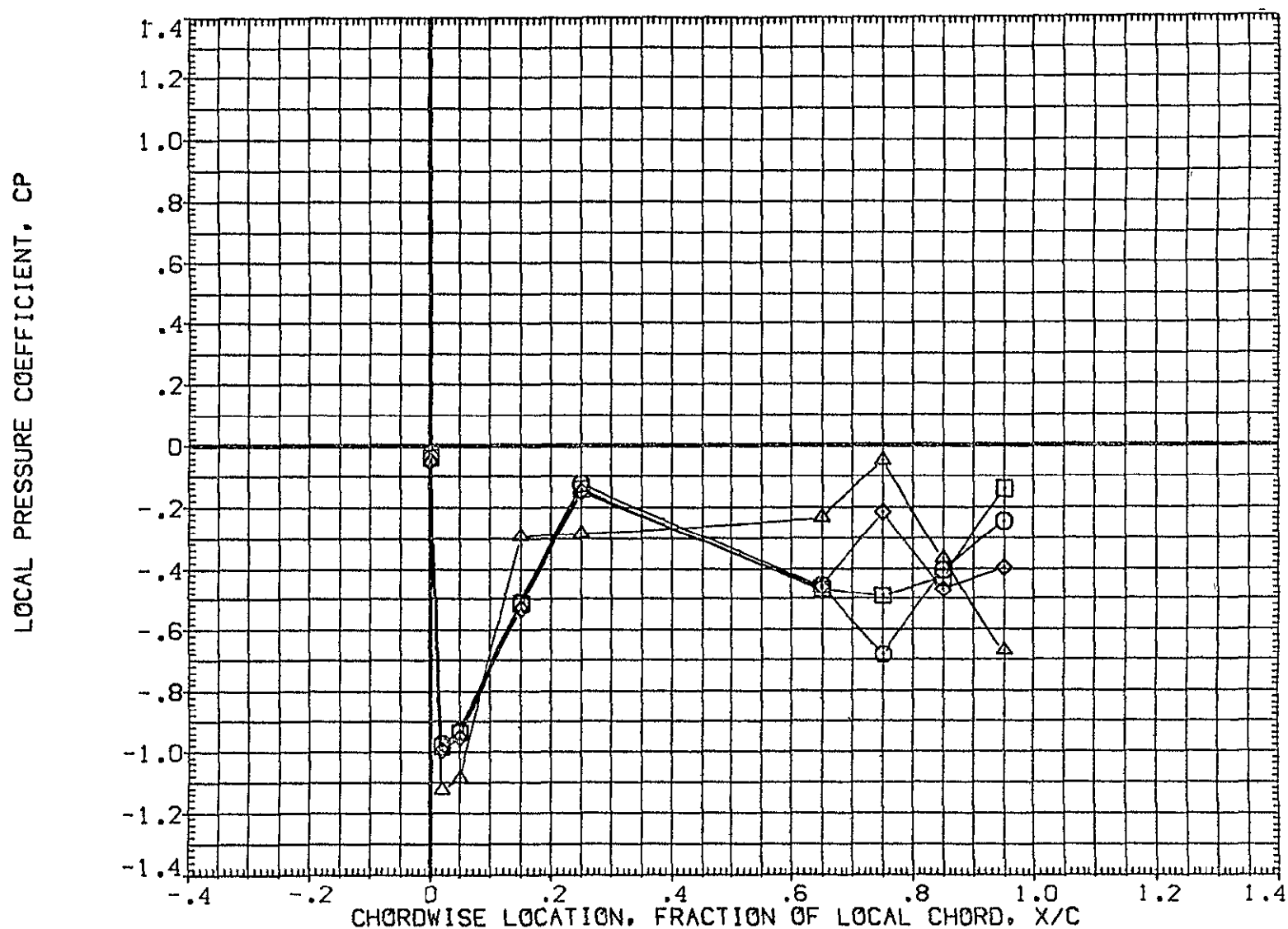


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -6.000 2Y/B = .771 PAGE 920

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

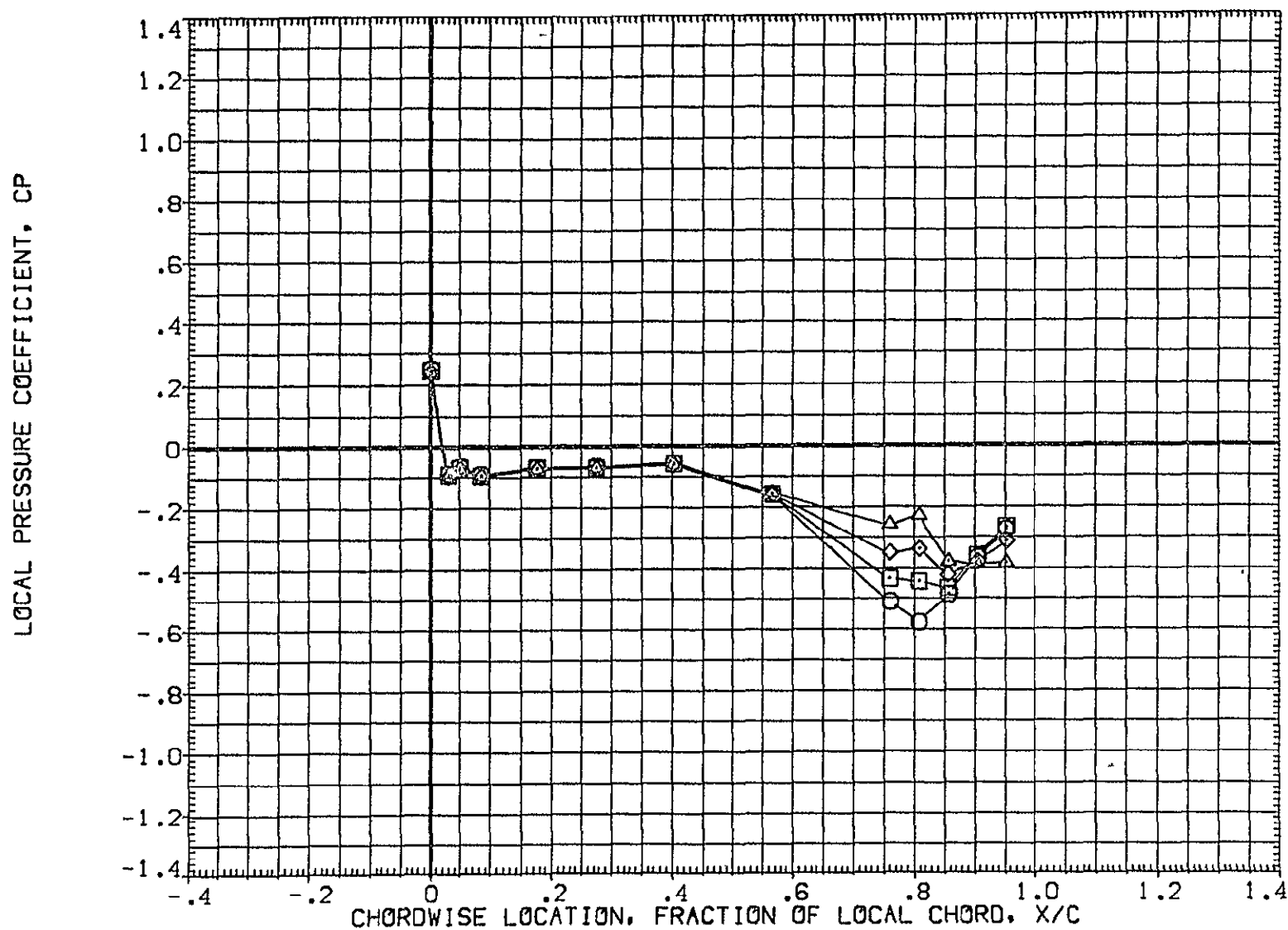


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -4.000 2Y/B = .436 PAGE 921

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

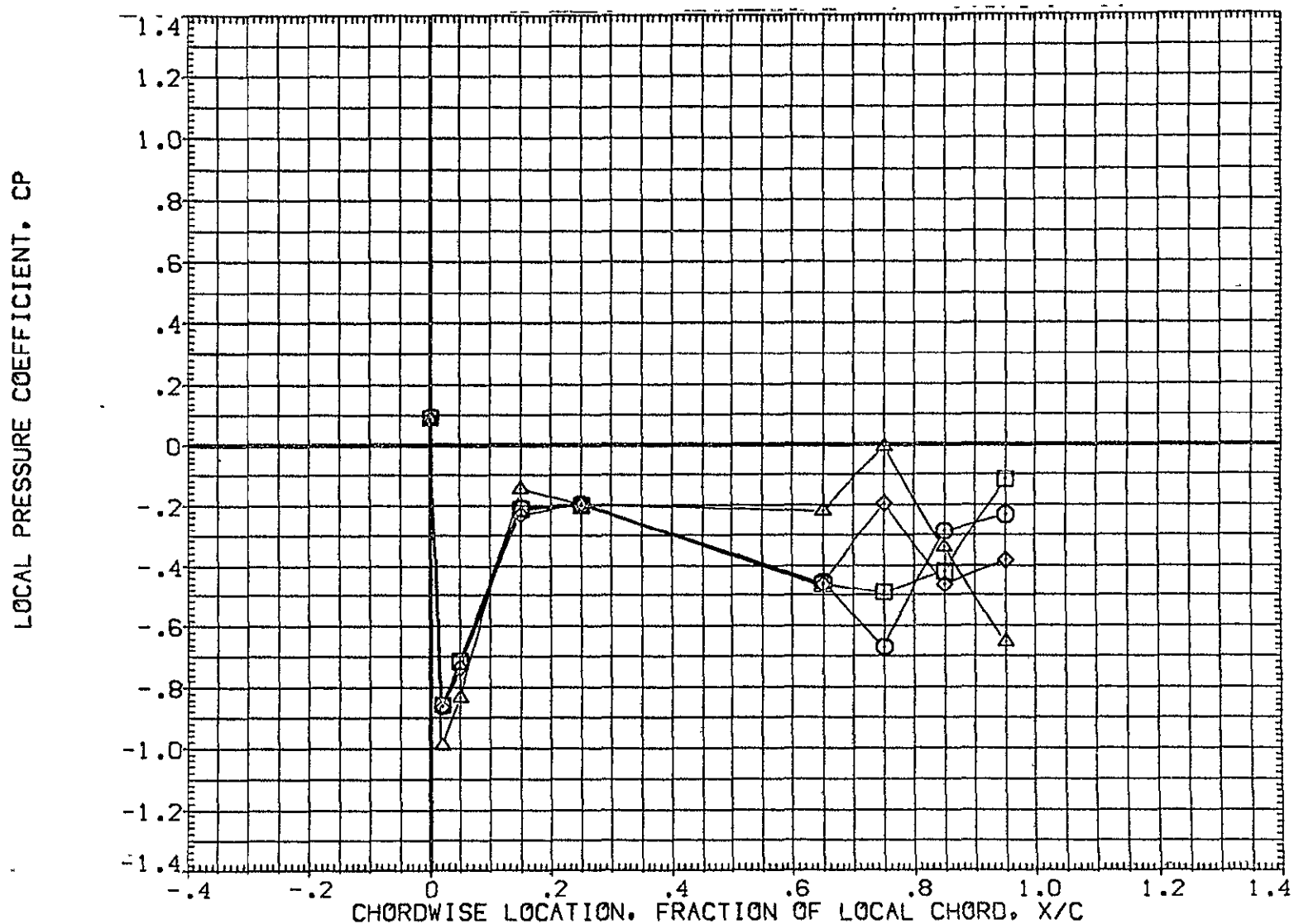


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -4.000 2Y/B = .771 PAGE 922

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

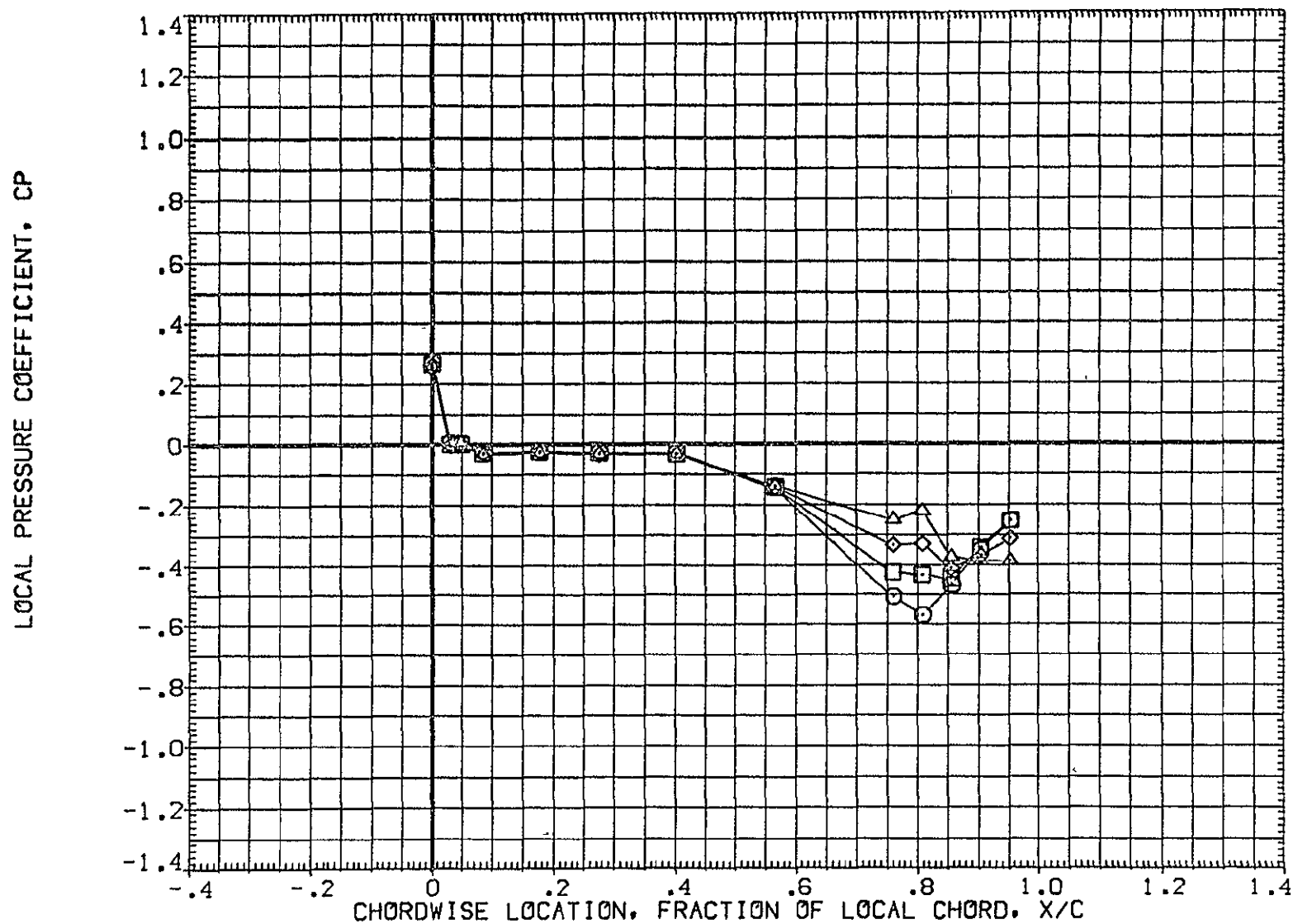


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

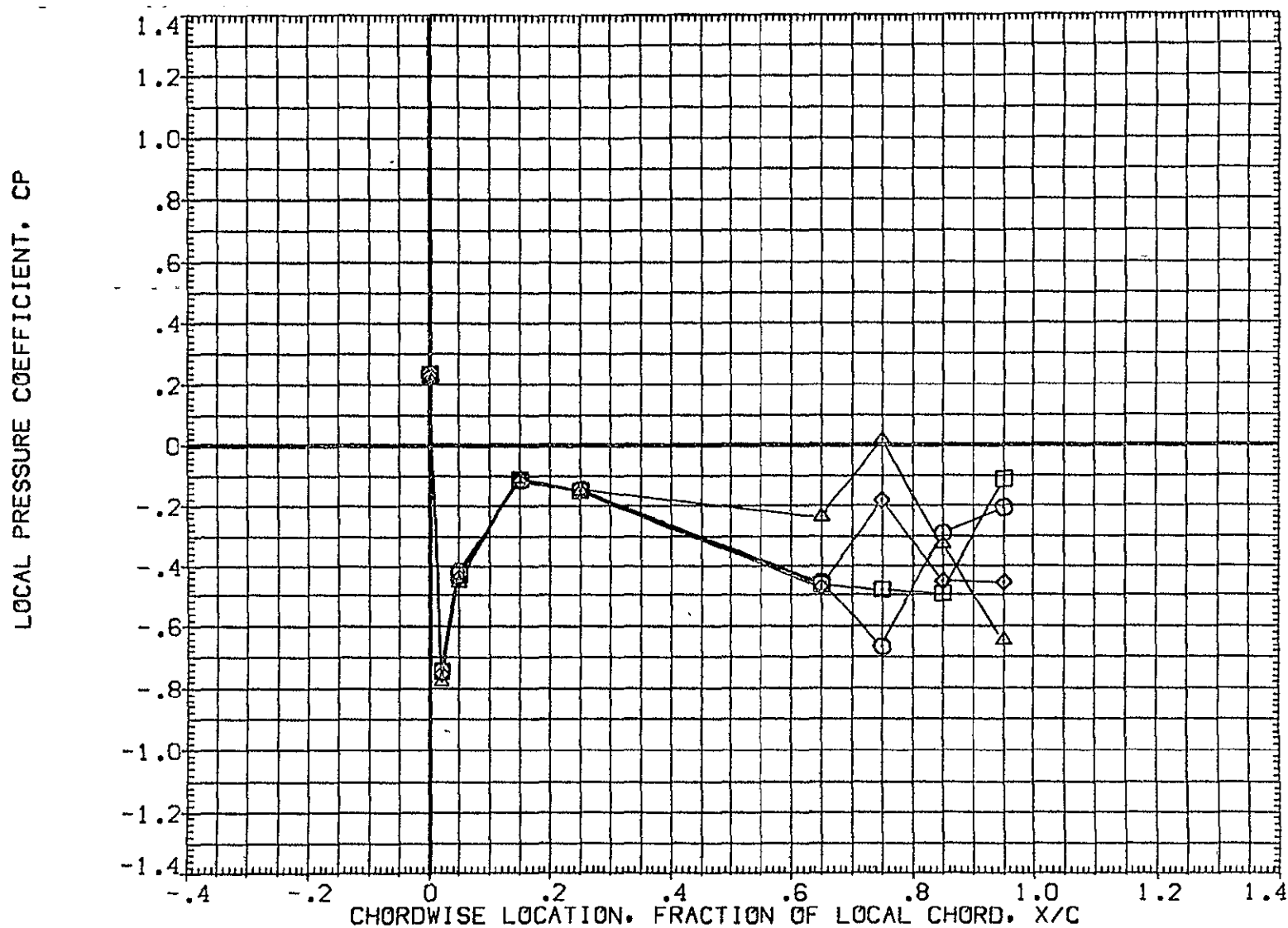


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -2.000 2Y/B = .771 PAGE 924

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

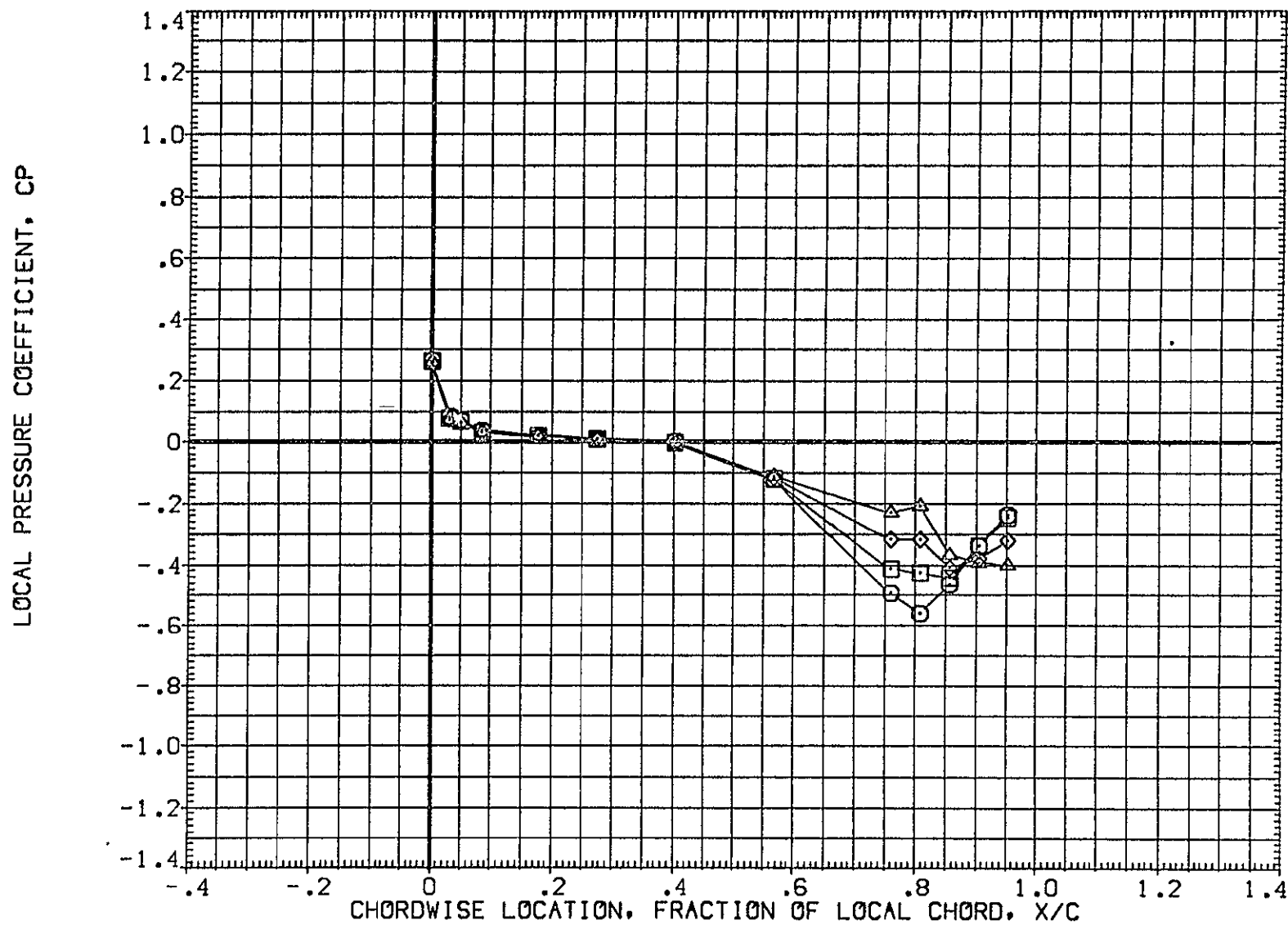


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = .000 2Y/B = .436 PAGE 925

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

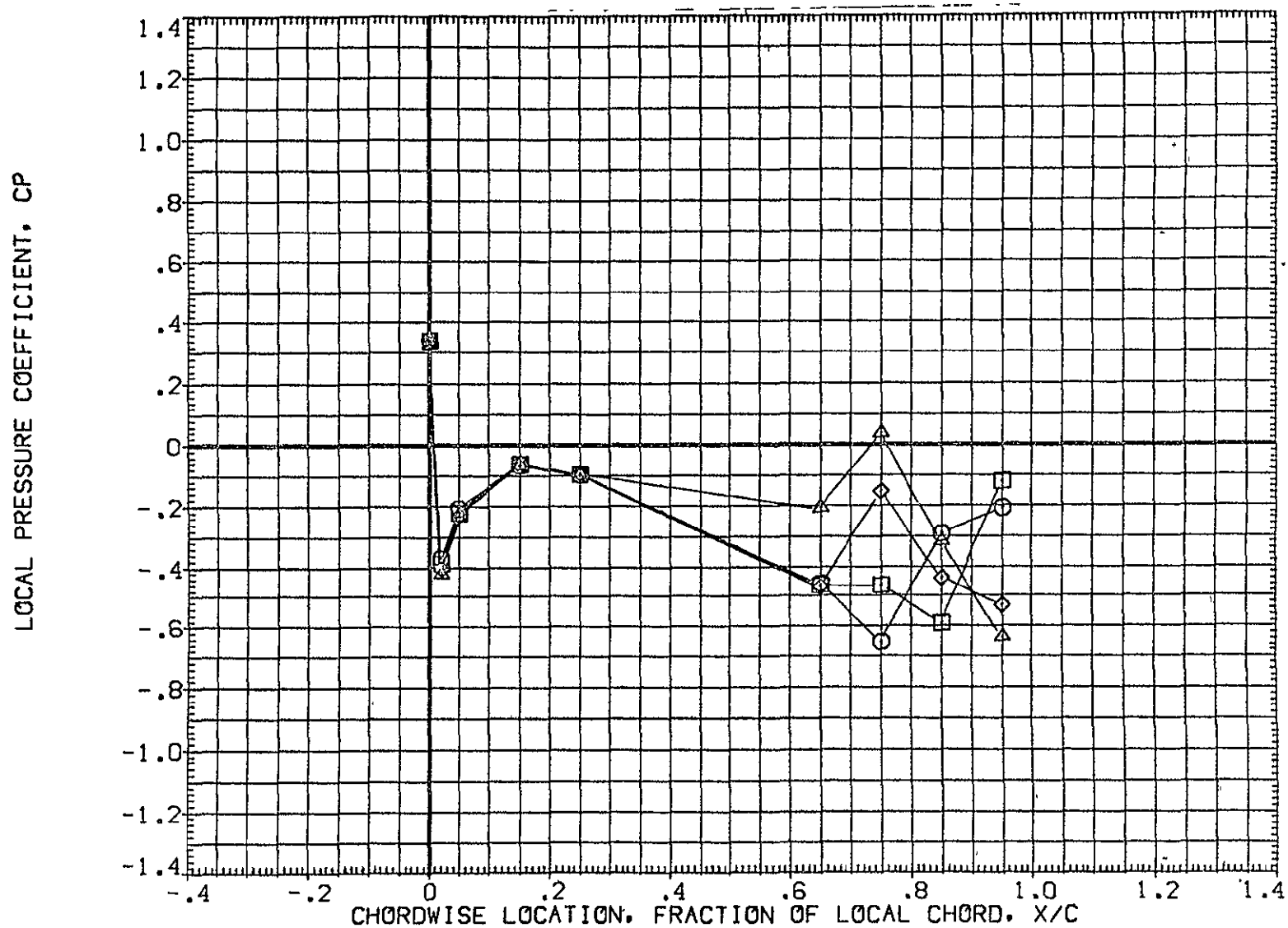


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = .000 2Y/B = .771 PAGE 926

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

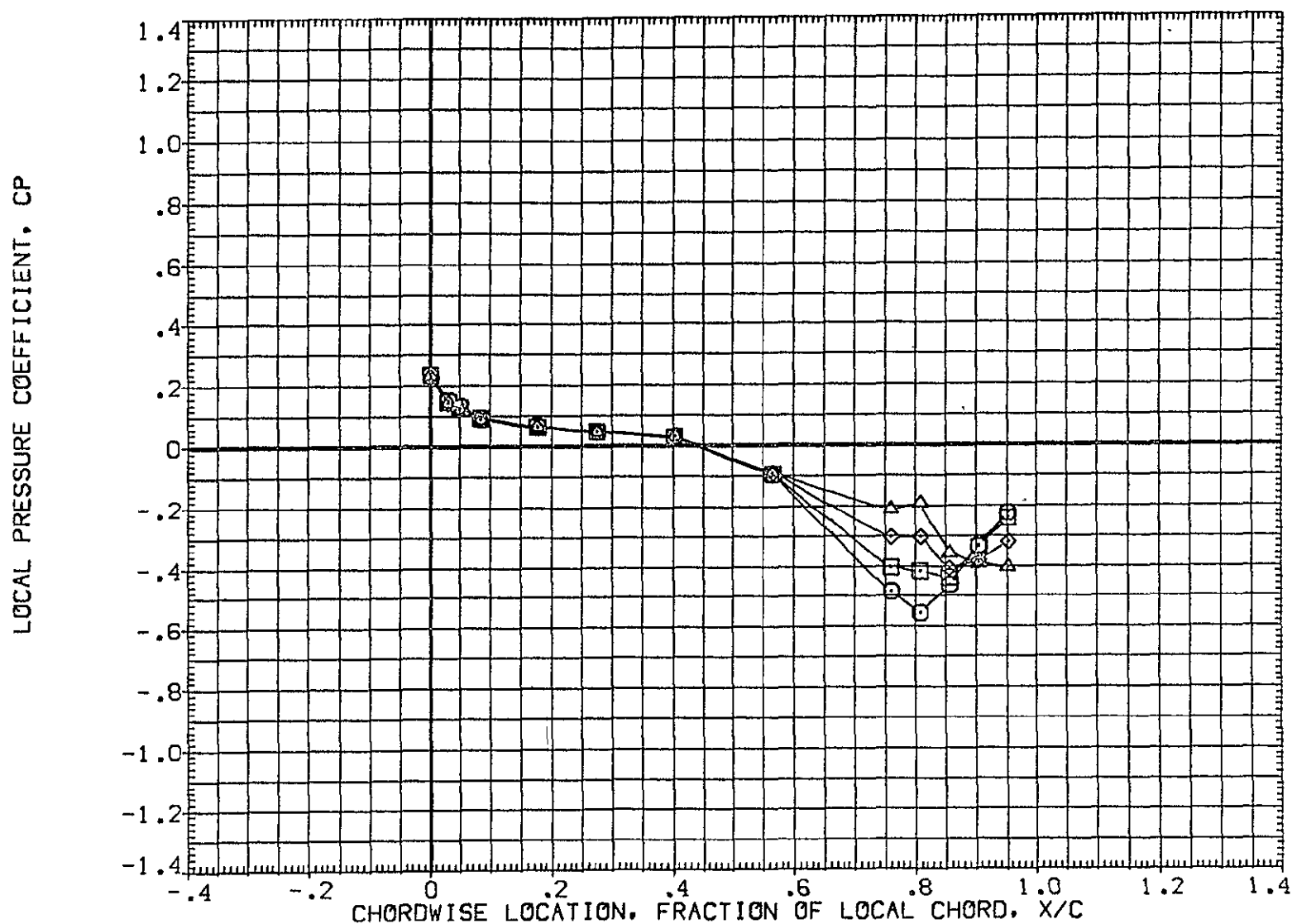


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 2.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

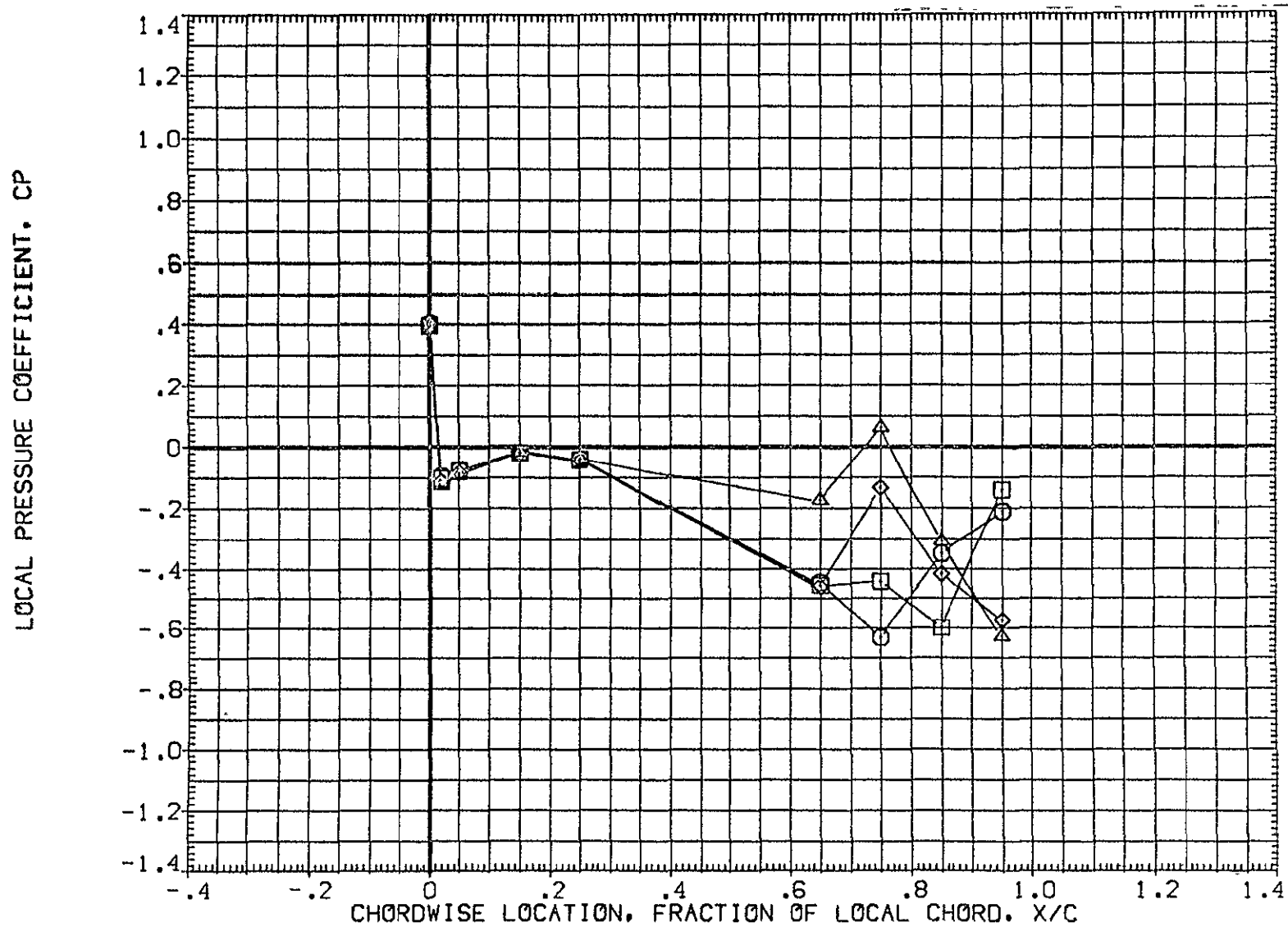


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 2.000 2Y/B = .771 PAGE 928

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

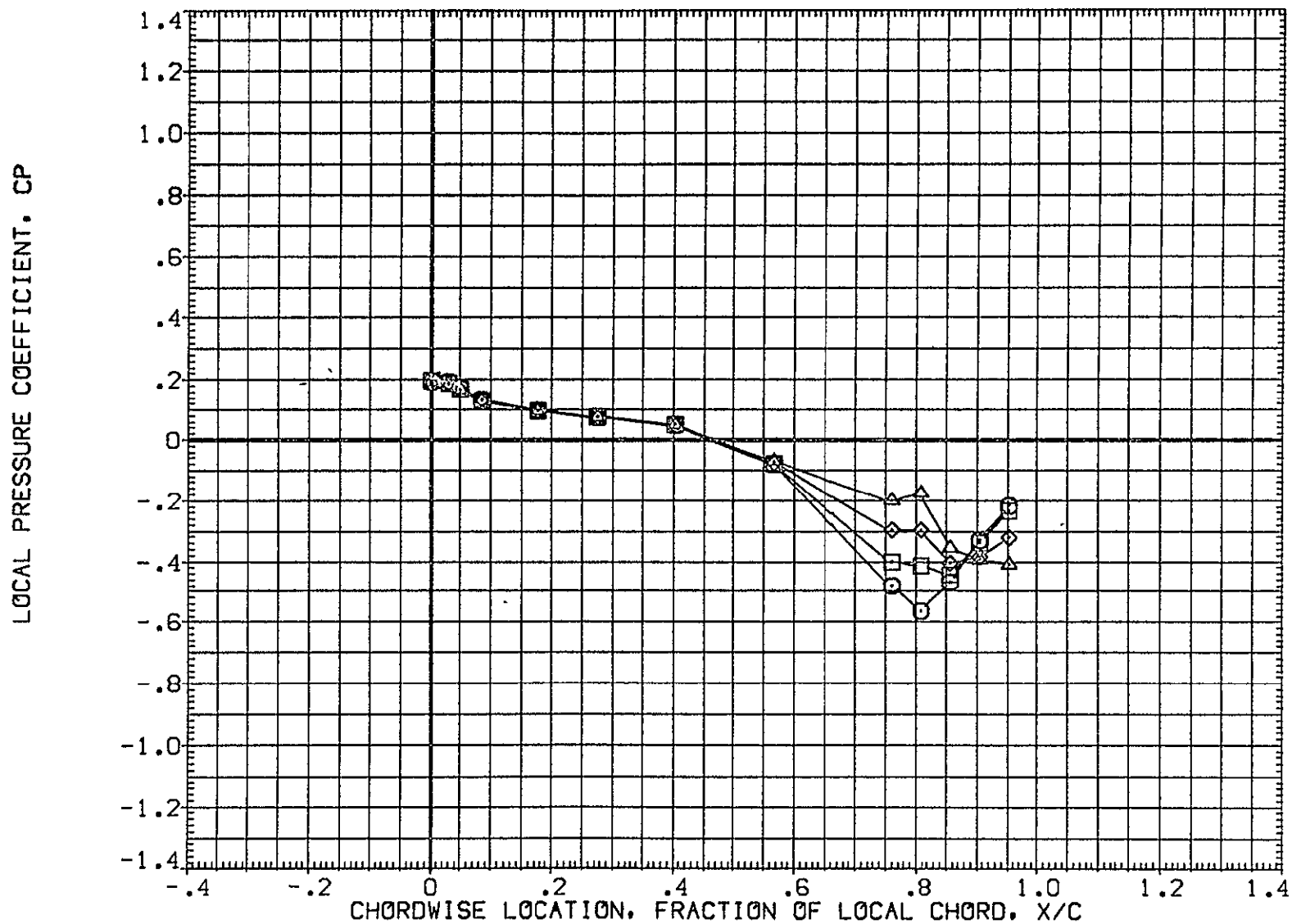


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 4.000 2Y/B = .436 PAGE 929

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

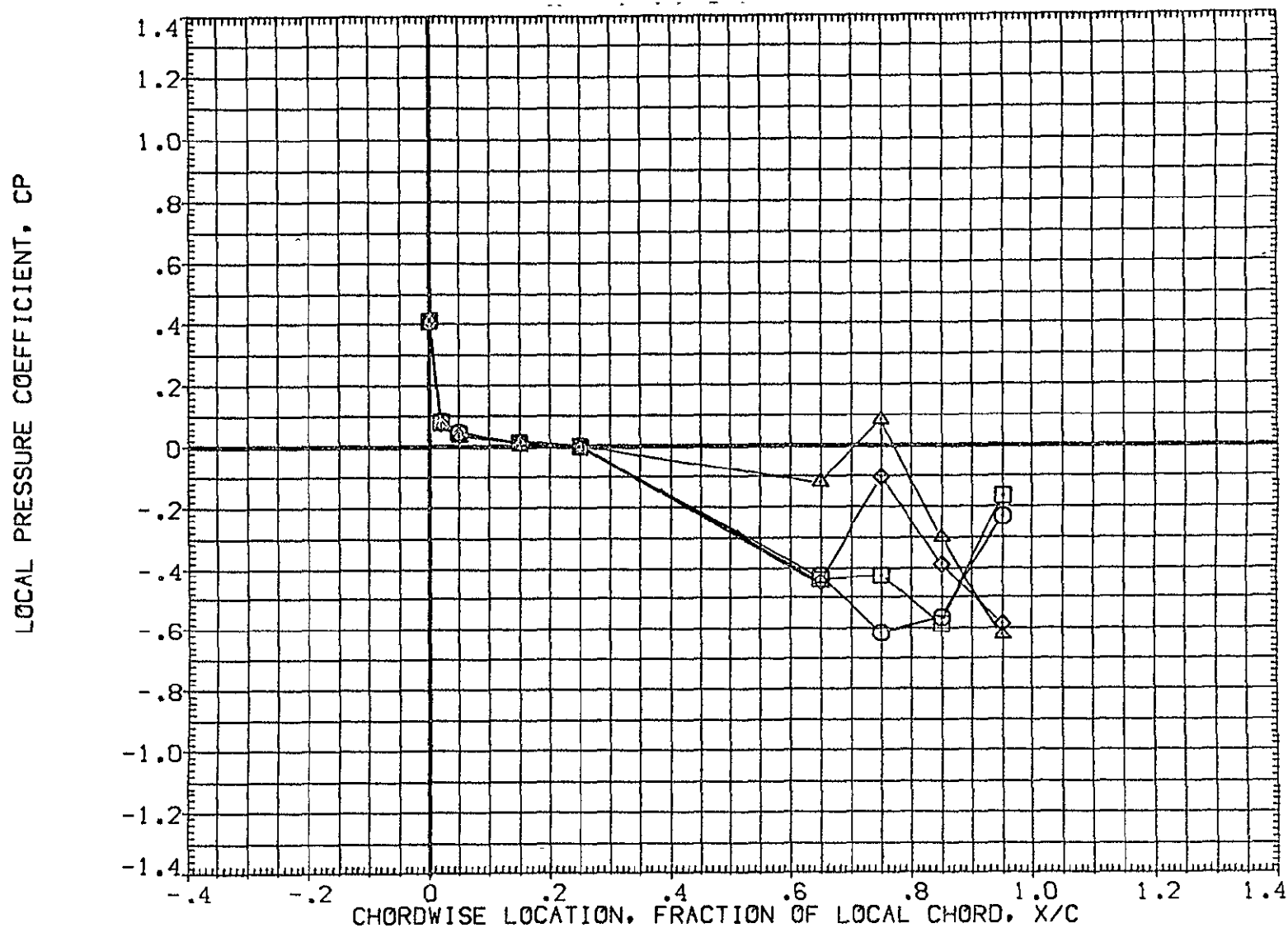


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 4.000 2Y/B = .771 PAGE 930

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	○	1A70 01 112 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	□	1A70 01 112 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	◇	1A70 01 112 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	△	1A70 01 112 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

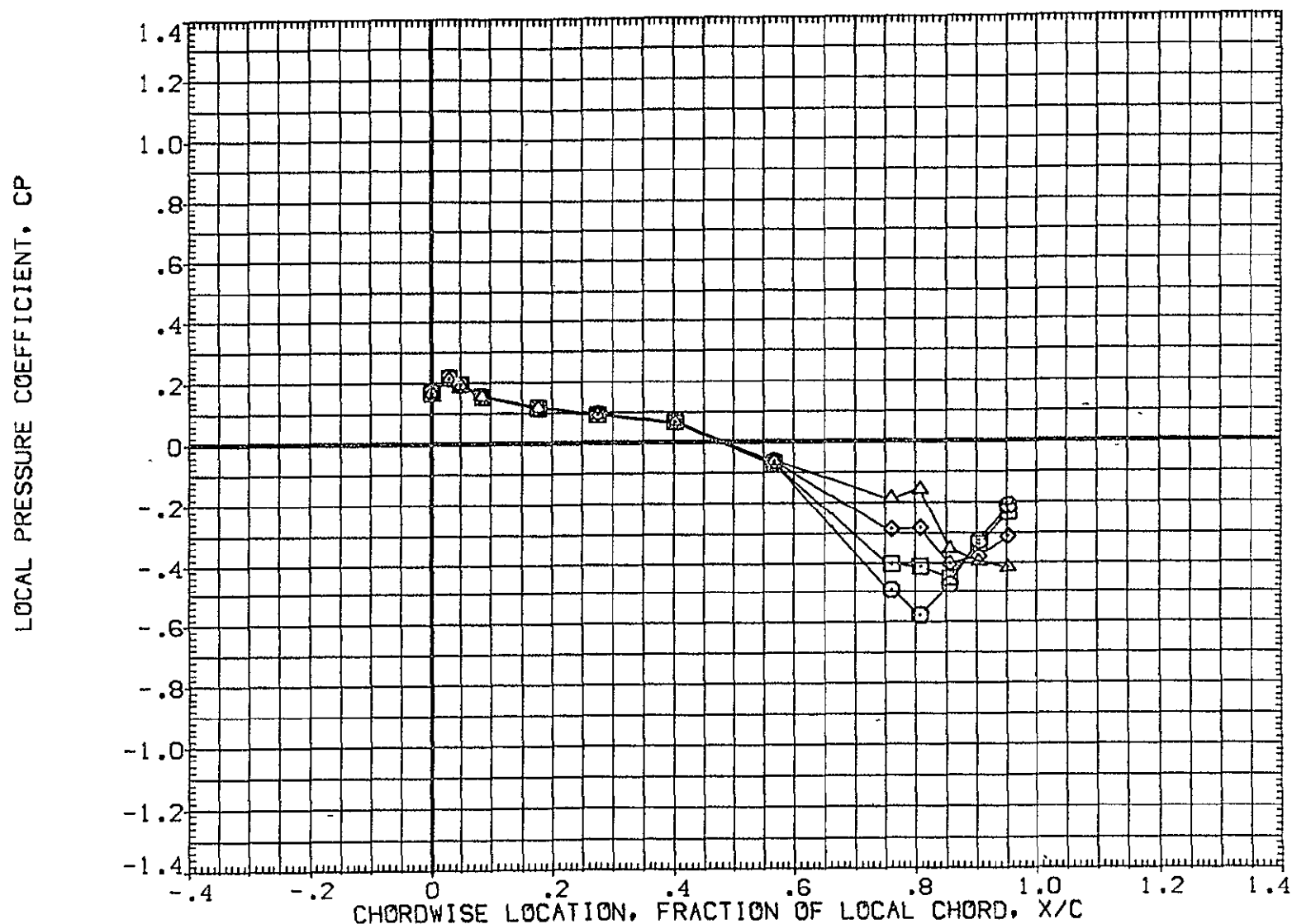


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 6.000 2Y/B = .436 PAGE 931

DATA SET	SYMBOL	CONFIGURATION				DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4	
{AF7L46}	○	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	□	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	◇	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	△	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

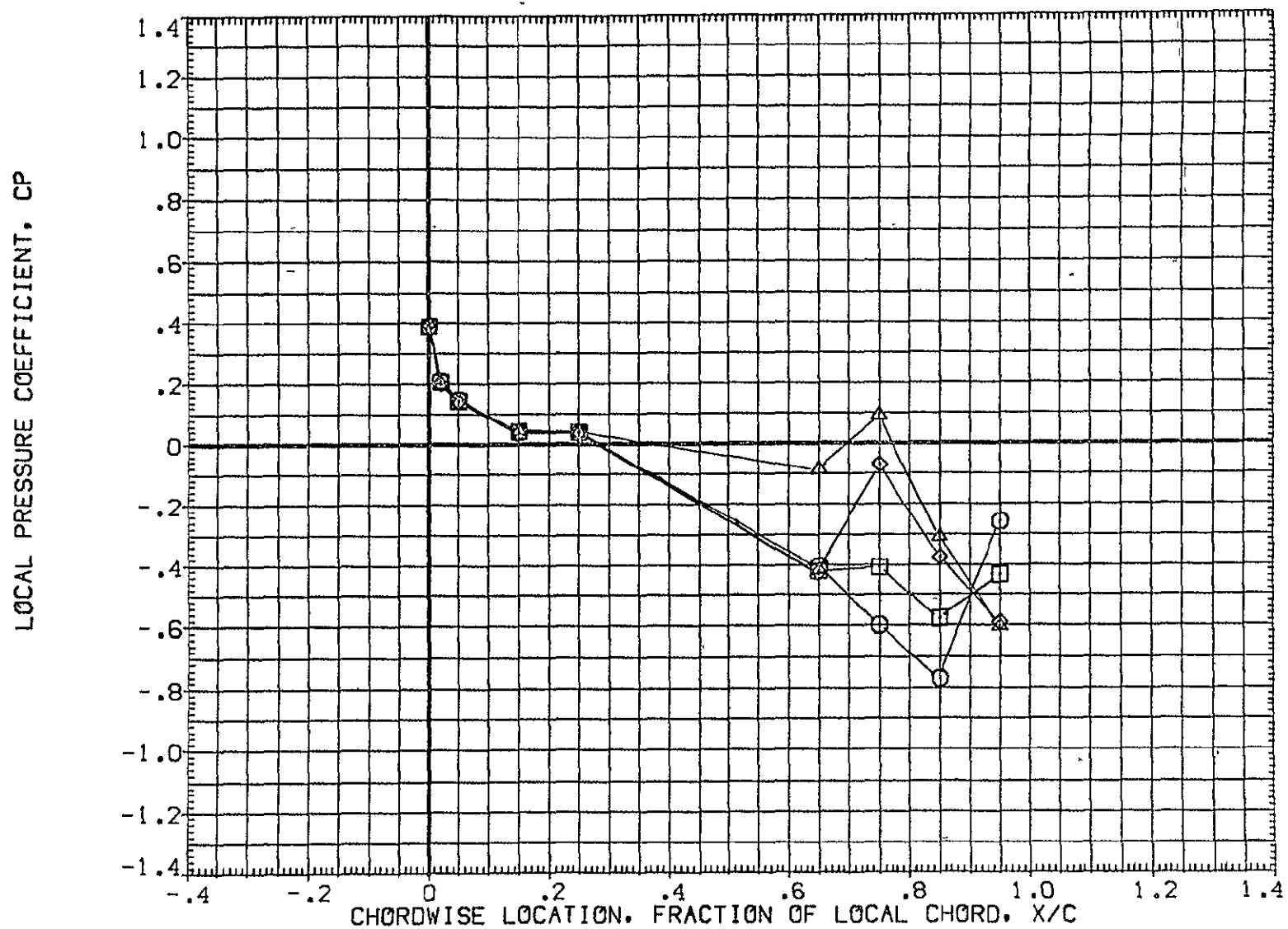


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 6.000 2Y/B = .771 PAGE 932

DATA SET SYMBOL	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	□	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

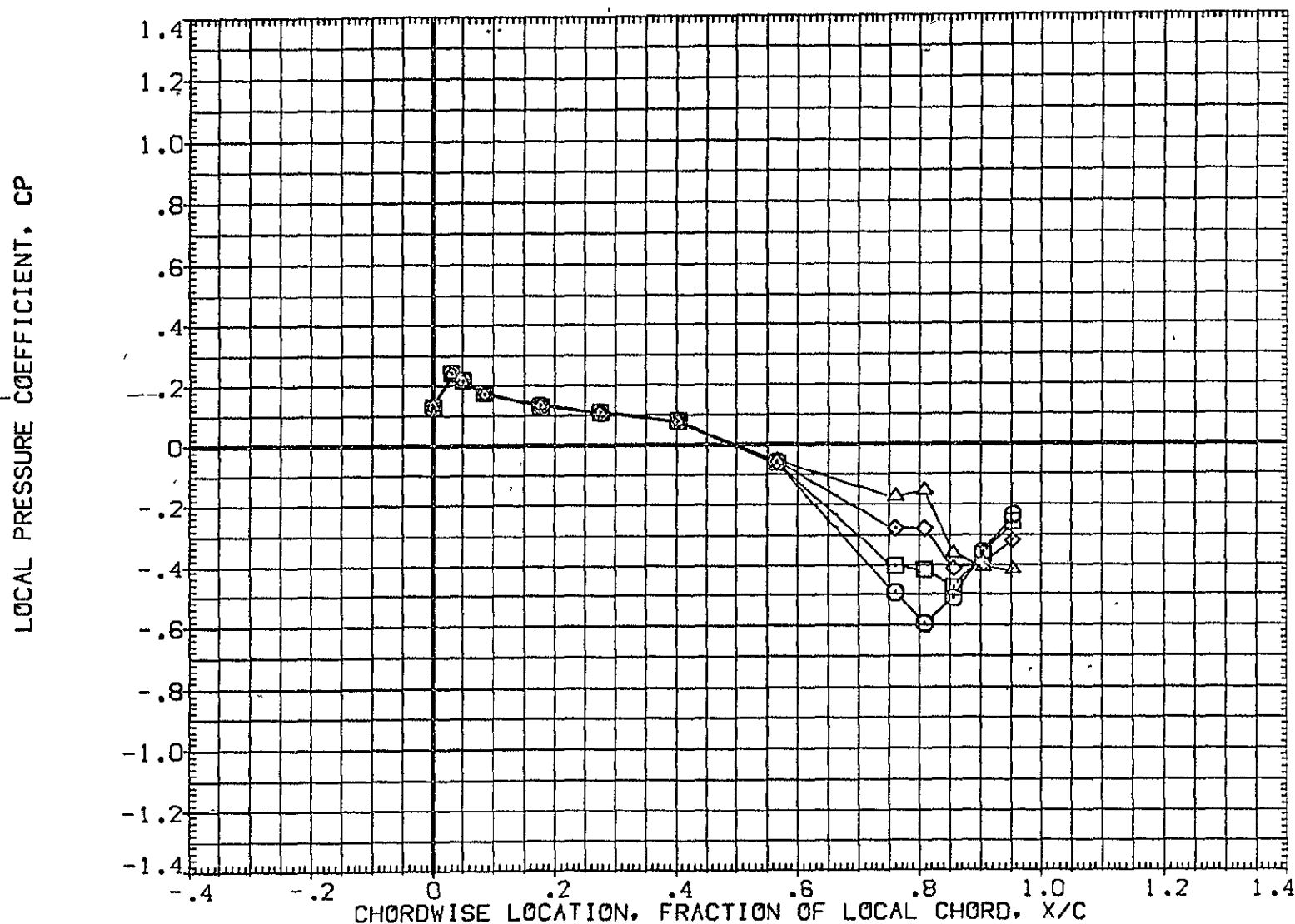


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 8.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION				DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4	
(AF7L46)	○	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

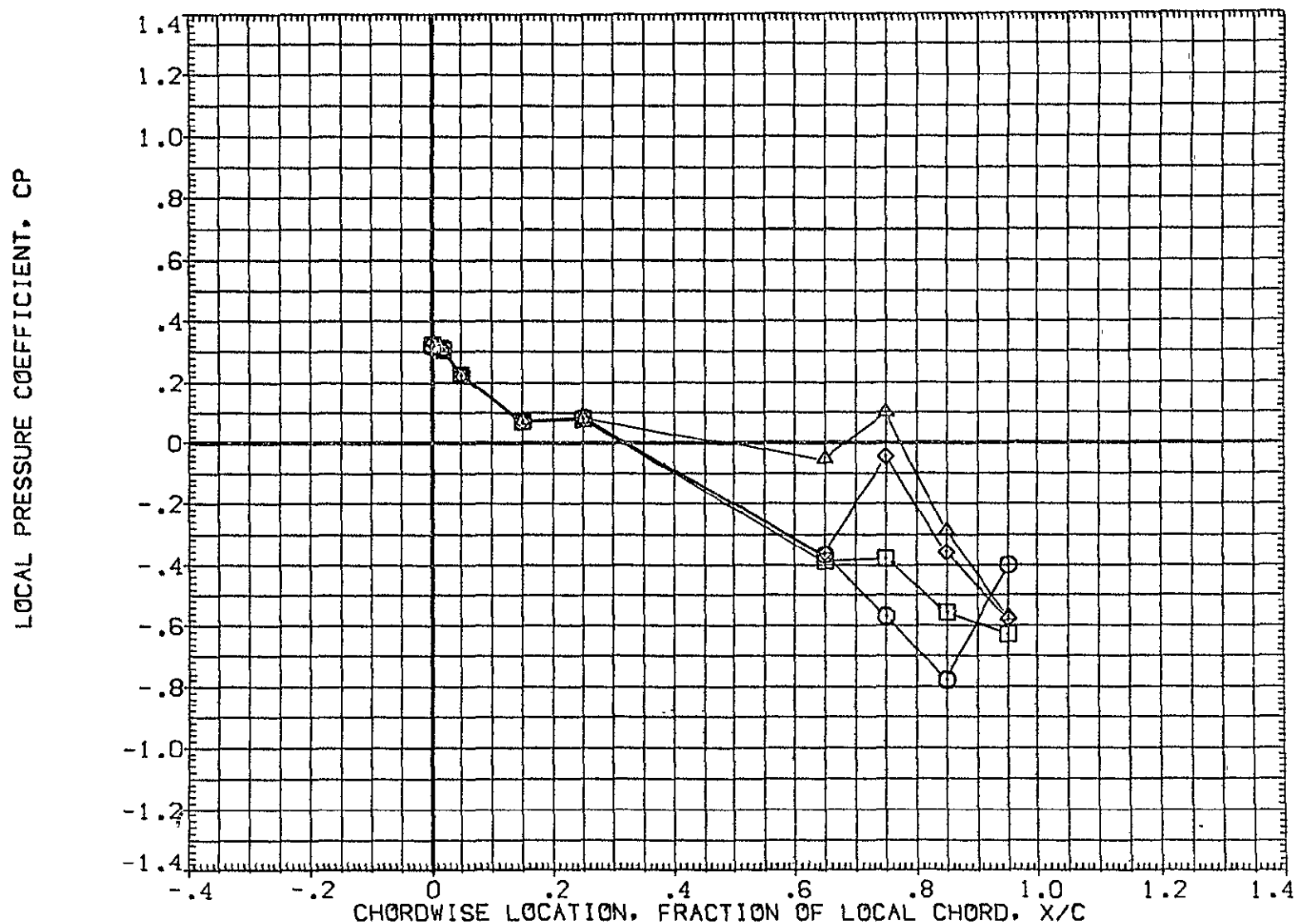


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 8.000 2Y/B = .771 PAGE 934

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	○	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000
{AF7L51}	□	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000
{AF7L56}	◇	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000
{AF7L61}	△	1A70	01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000

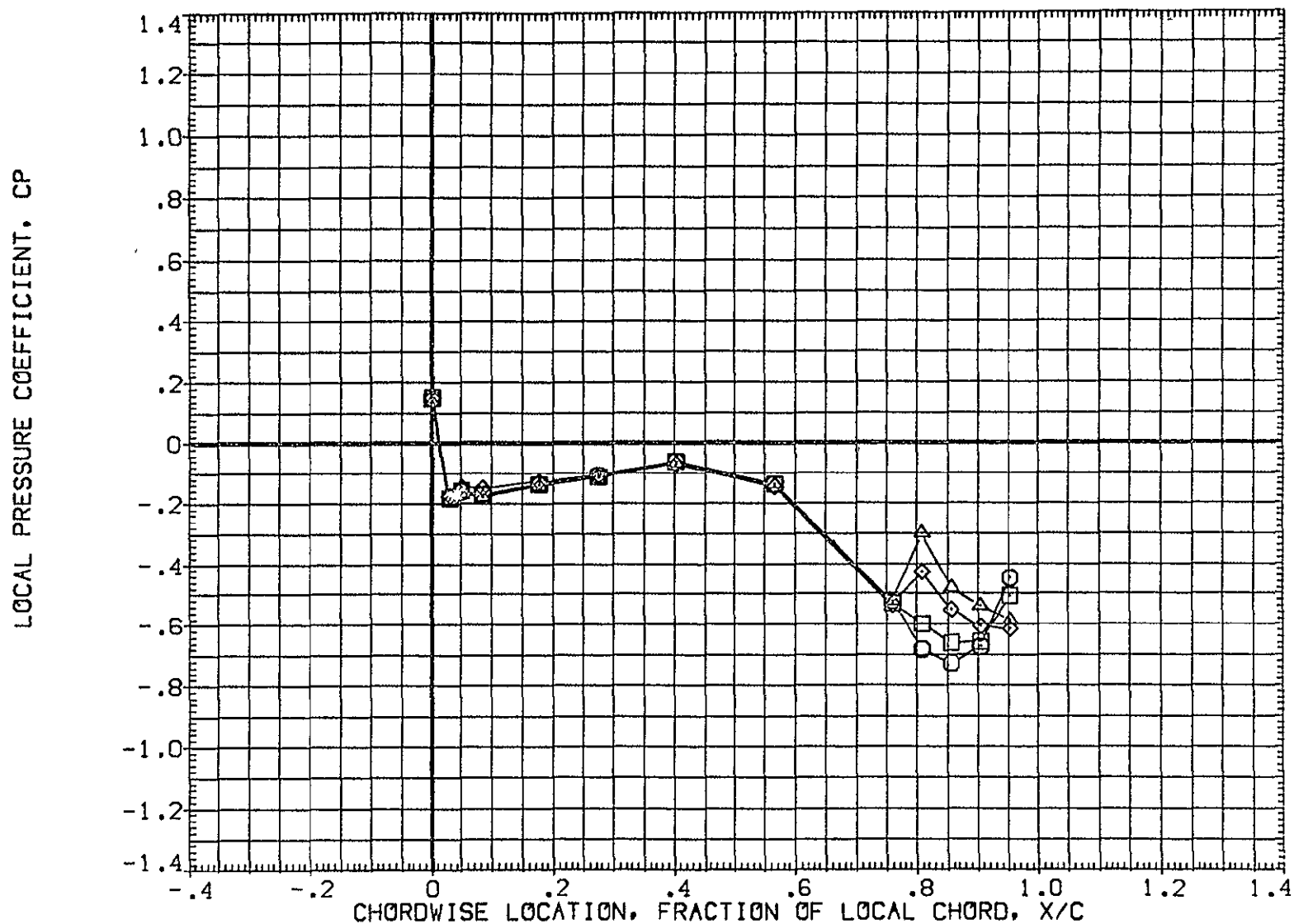


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L4S)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000
(AF7L55)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000

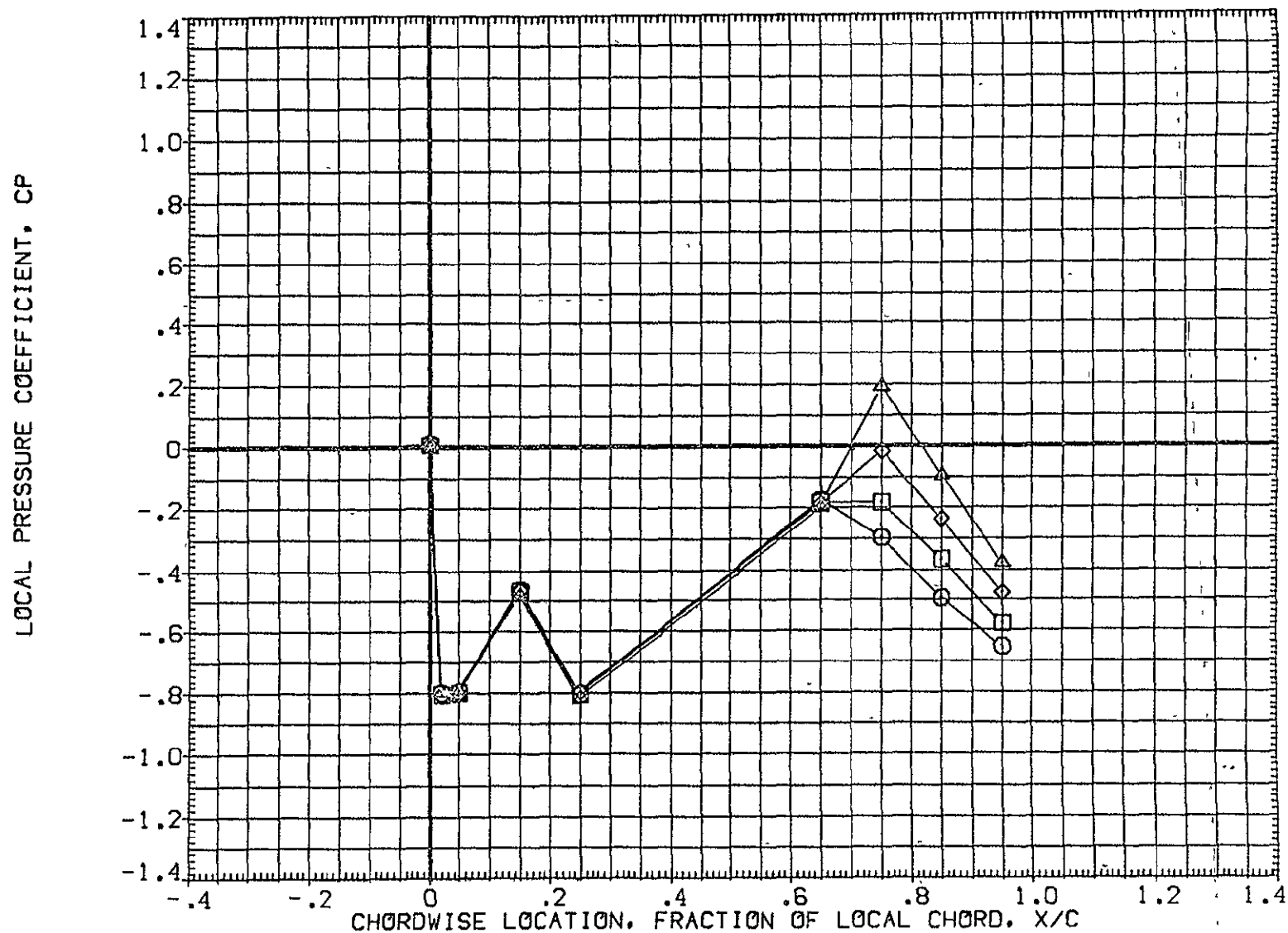


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -8.000 2Y/B = .771 PAGE 936

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

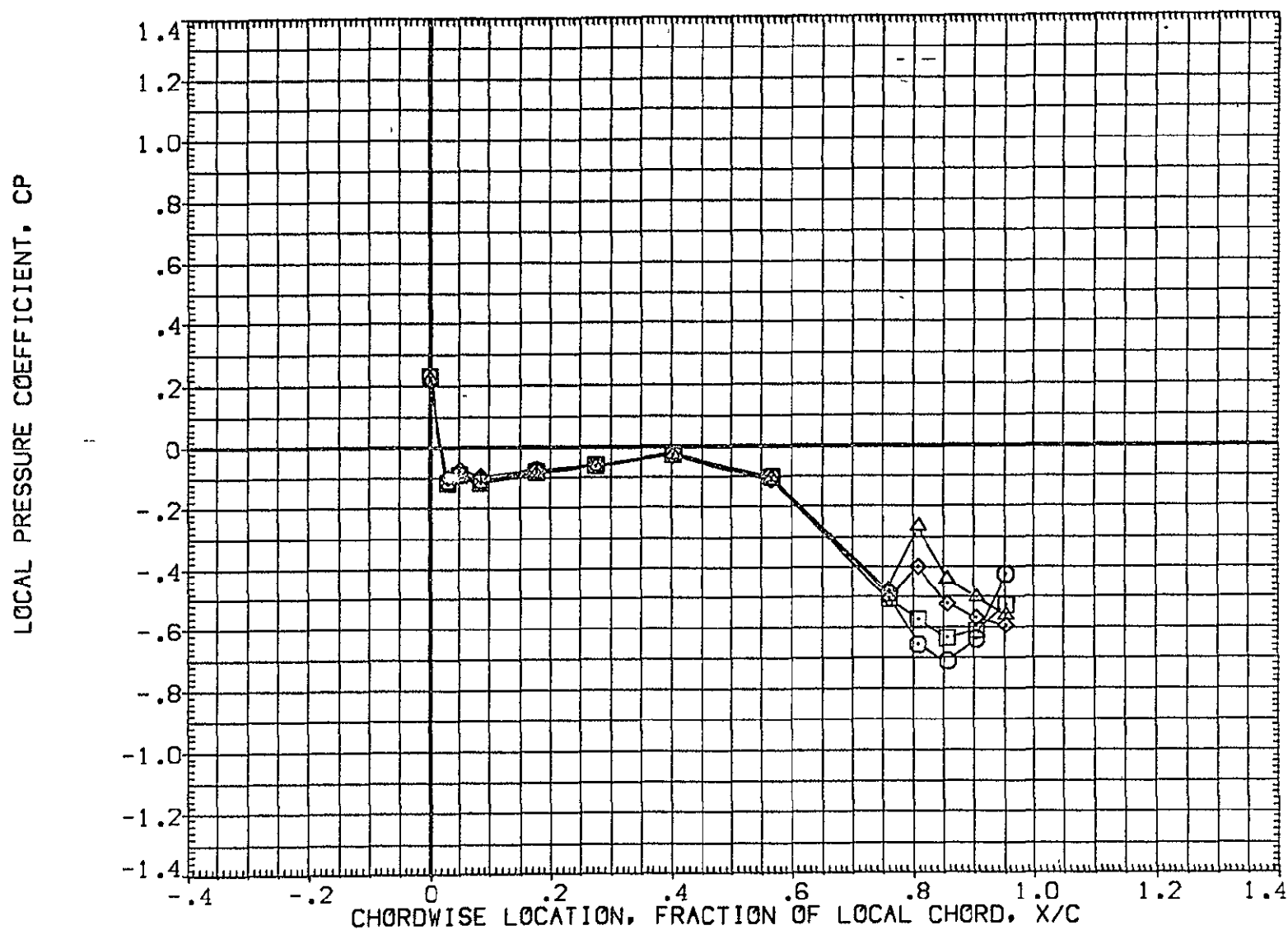


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -6.000 2Y/B = .436 PAGE 937

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

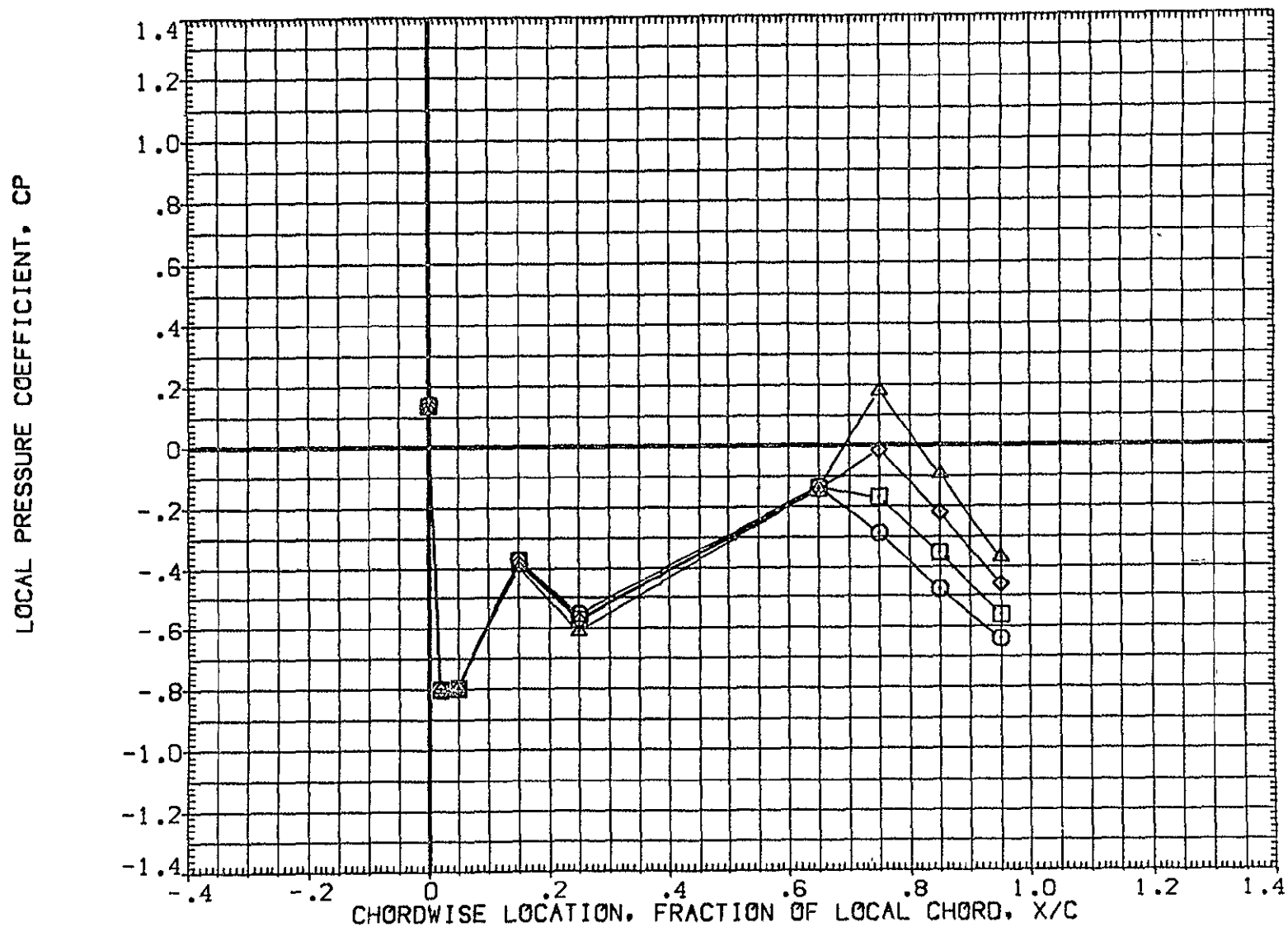


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -6.000 2Y/B = .771 PAGE 938

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7L46 }	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{ AF7L51 }	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{ AF7L56 }	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{ AF7L61 }	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

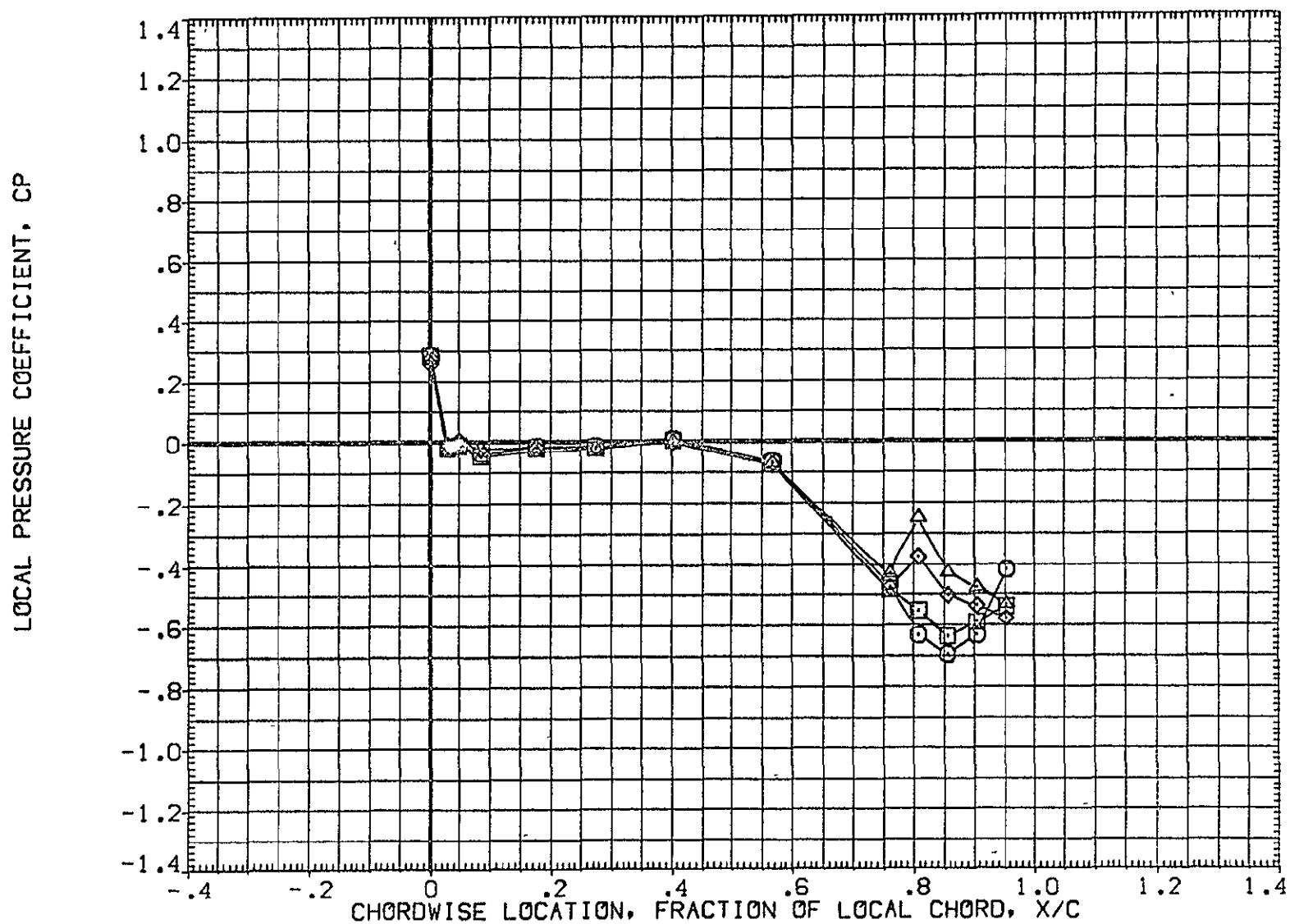


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -4.000 2Y/B = .436 PAGE 939

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

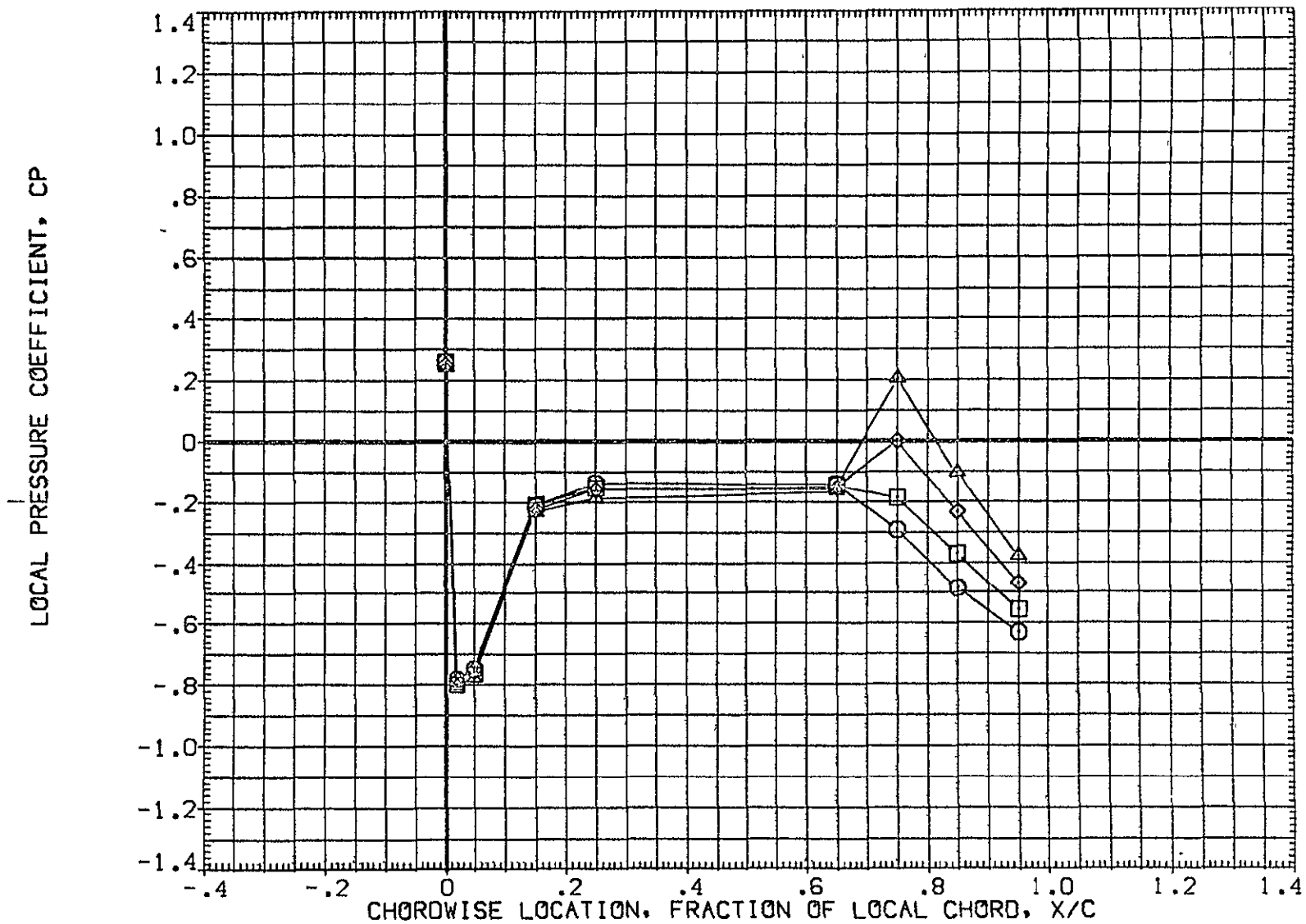


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -4.000 2Y/B = .771 PAGE 940

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

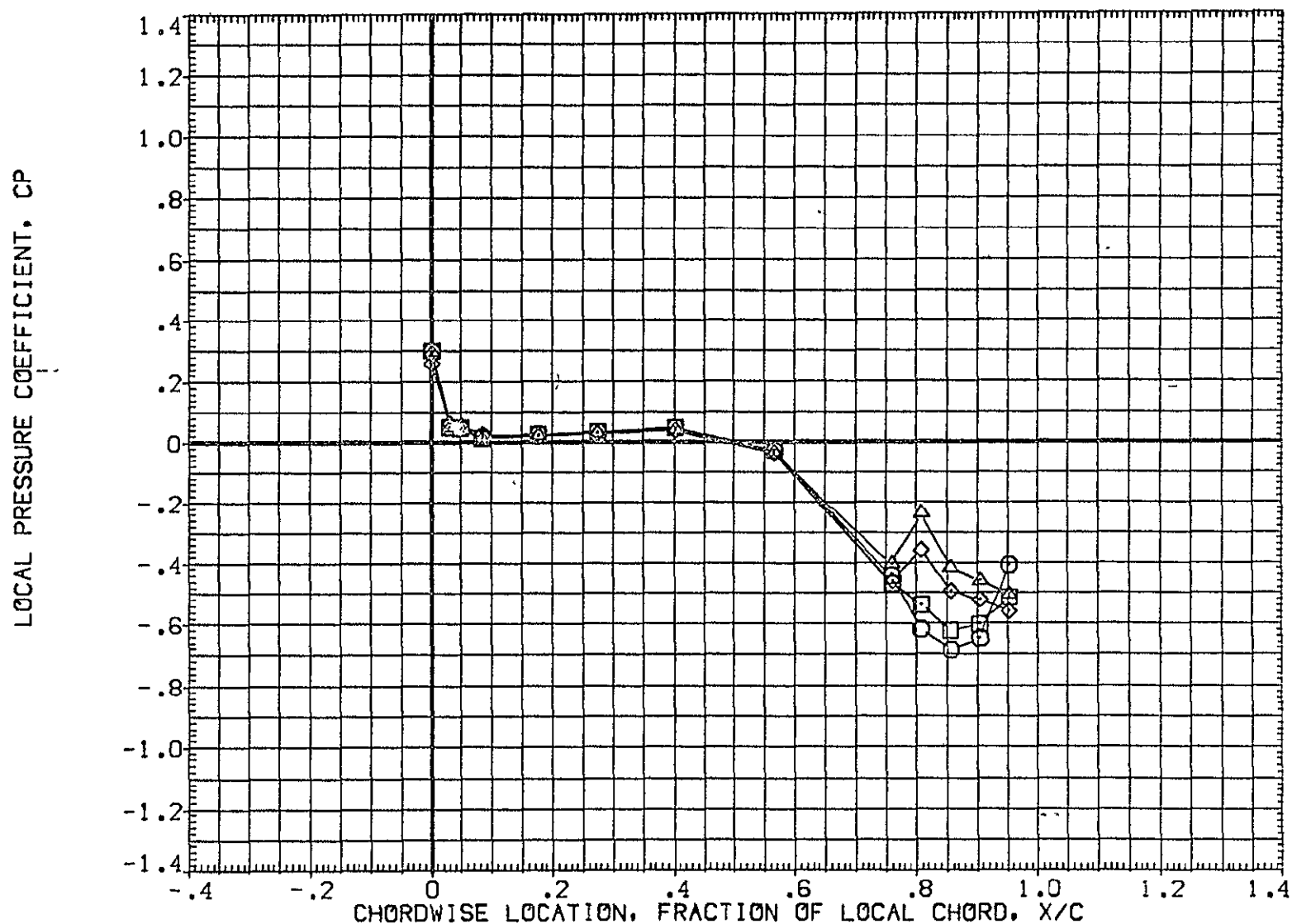


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -2.000 2Y/B = .436 PAGE 941

DATA SET SYMBOL	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

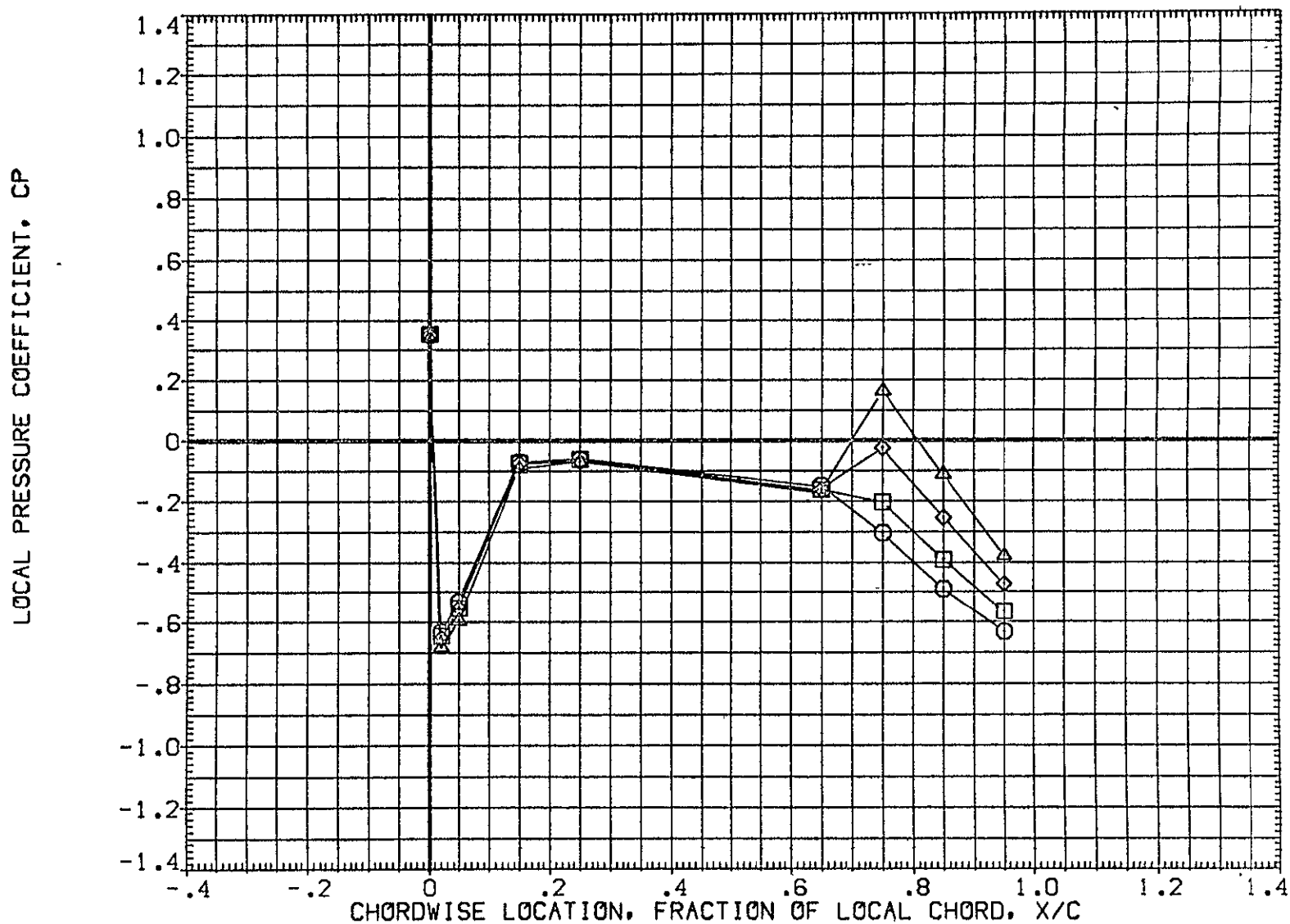


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -2.000 2Y/B = .771 PAGE 942

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

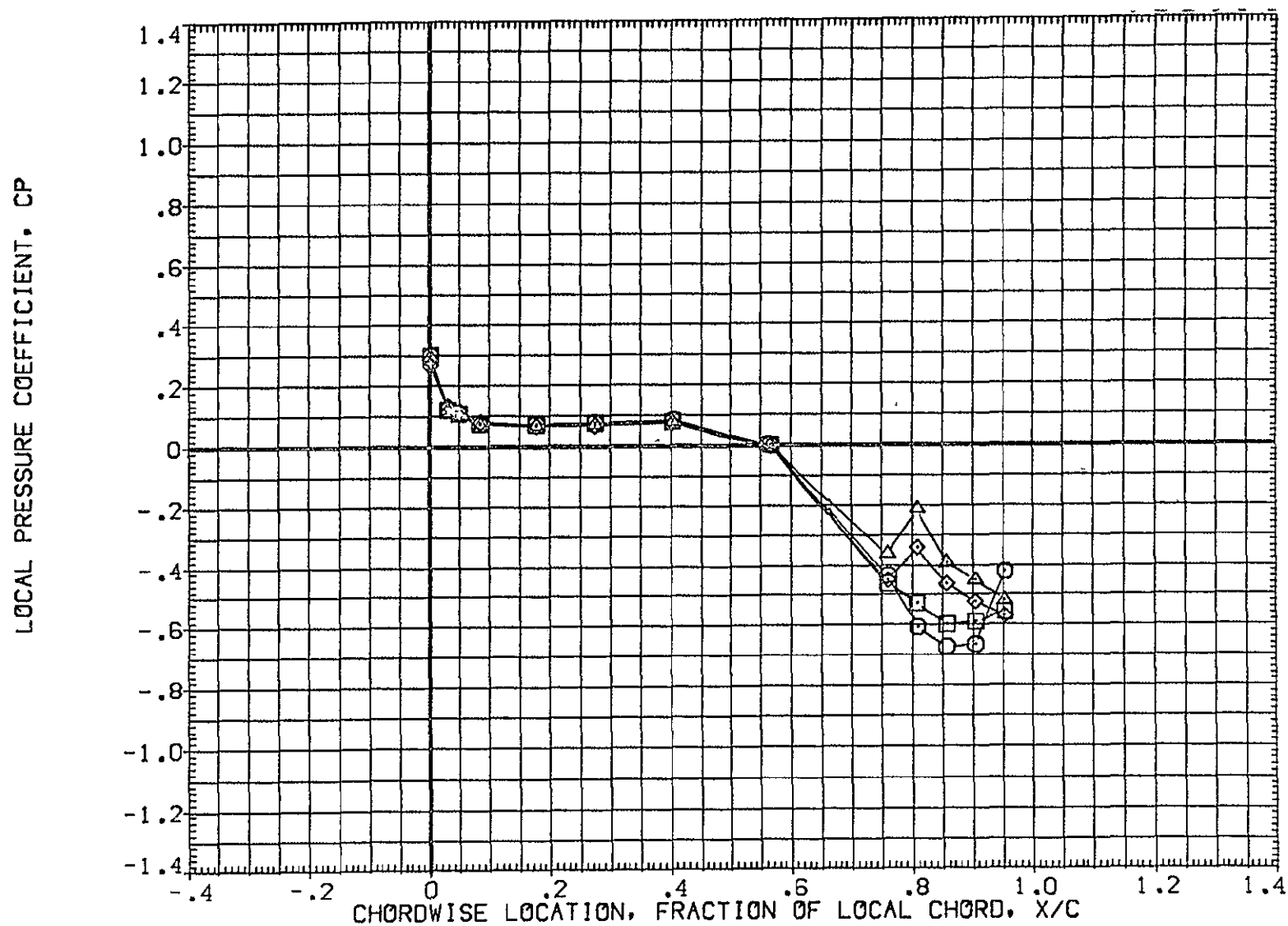


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

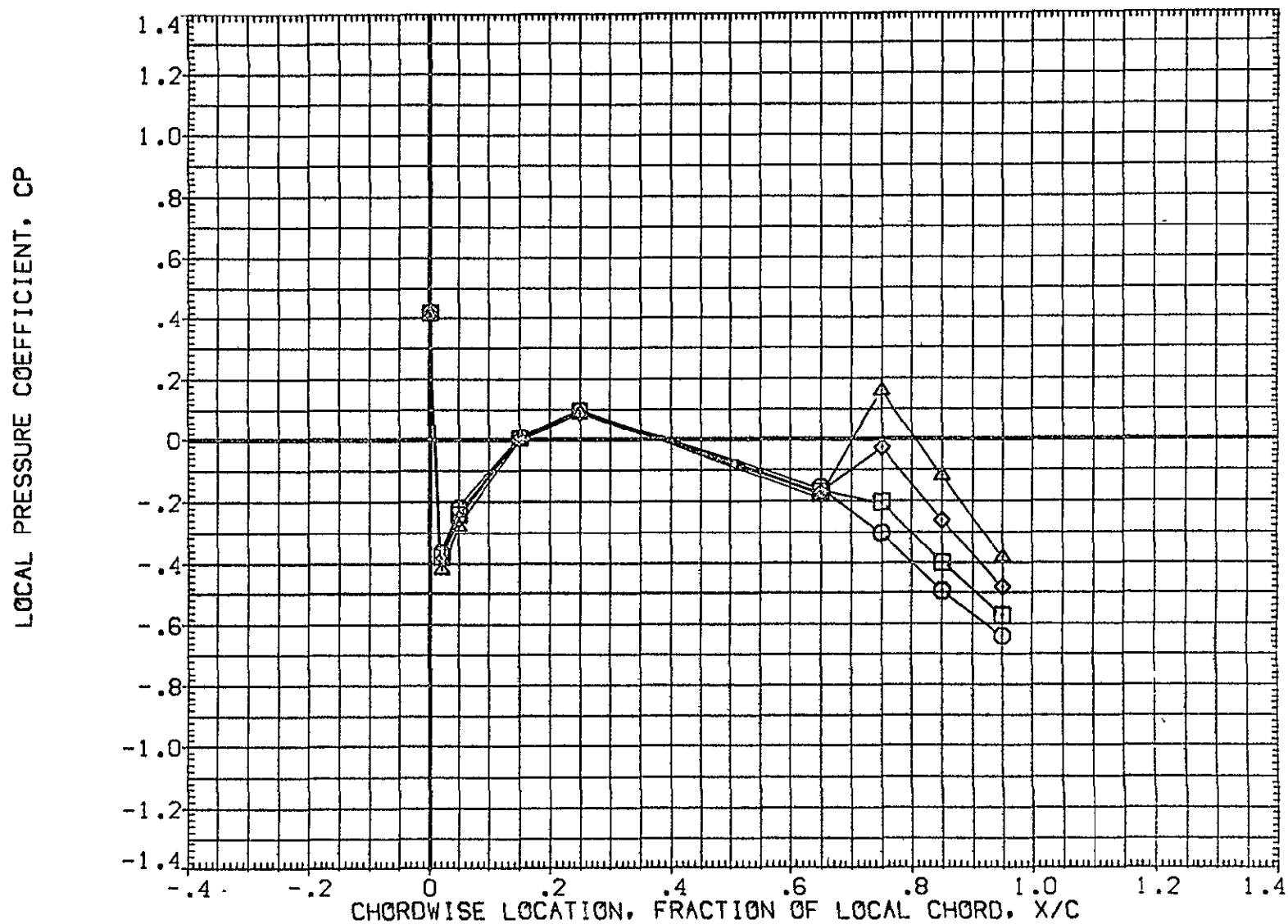


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION				DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4	
(AF7L46)	○	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

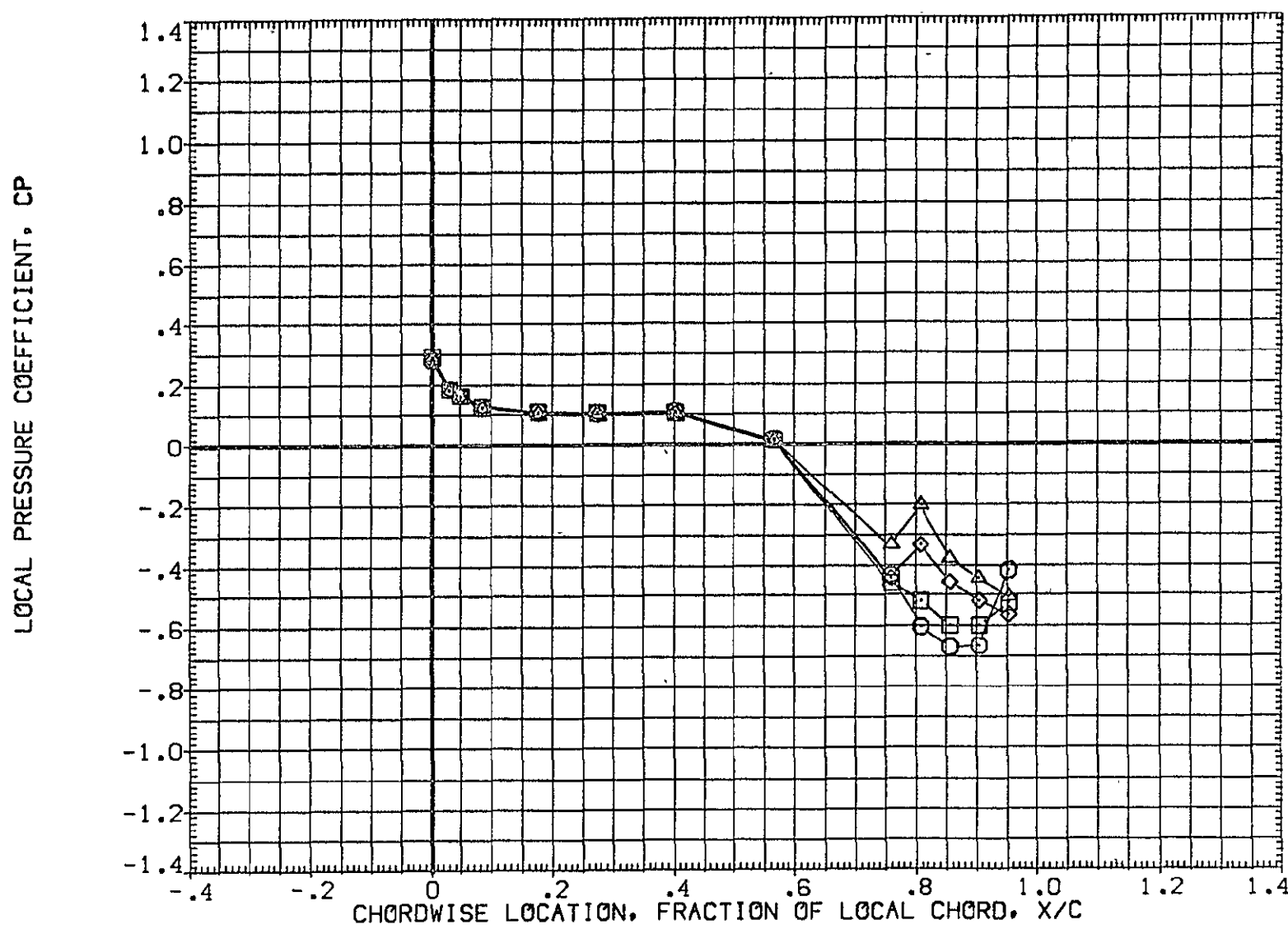


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
 MACH = 1.120 ALPHA = 2.000 2Y/B = .436 PAGE 945

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

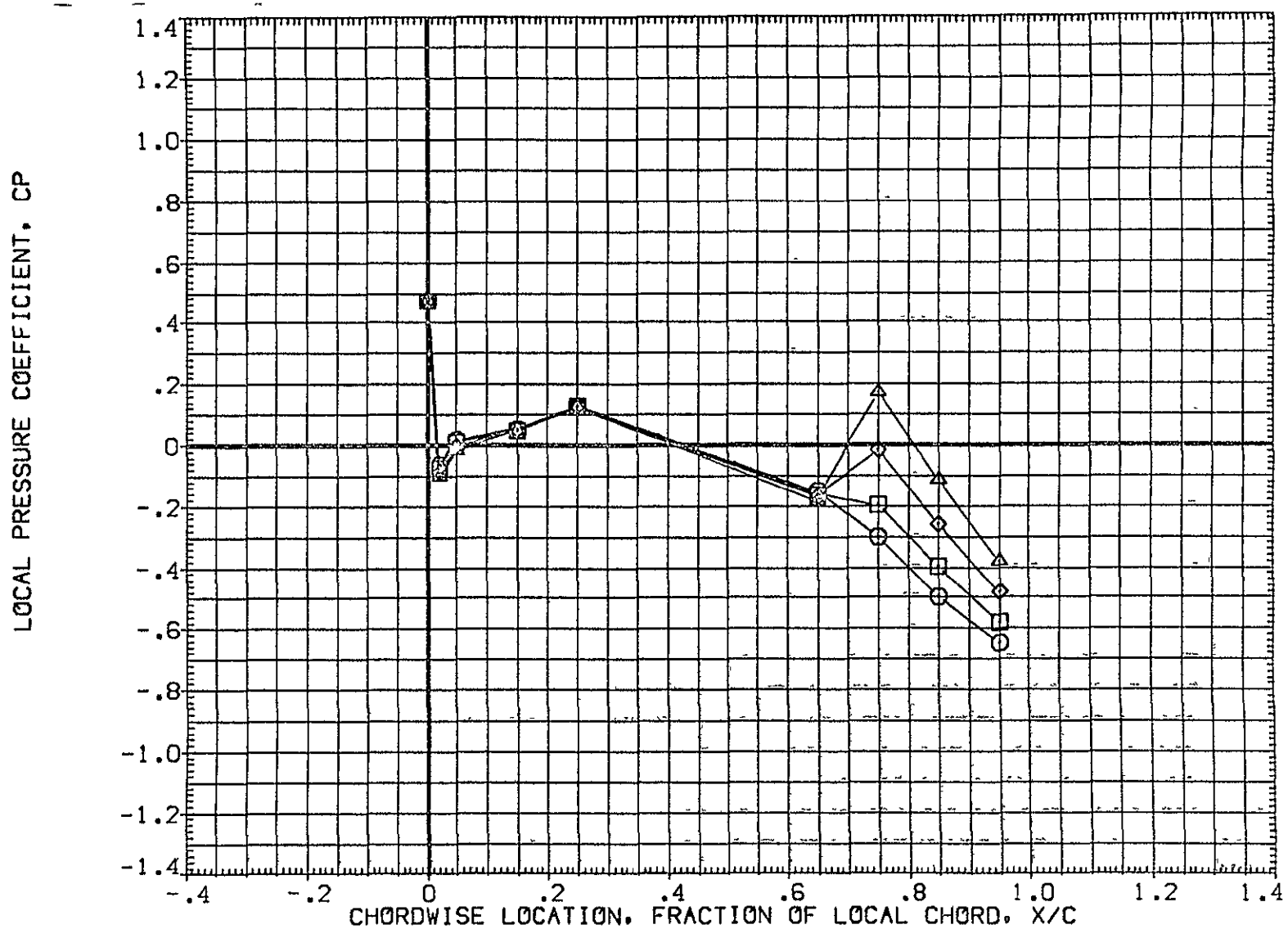


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 2.000 2Y/B = .771 PAGE 946

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

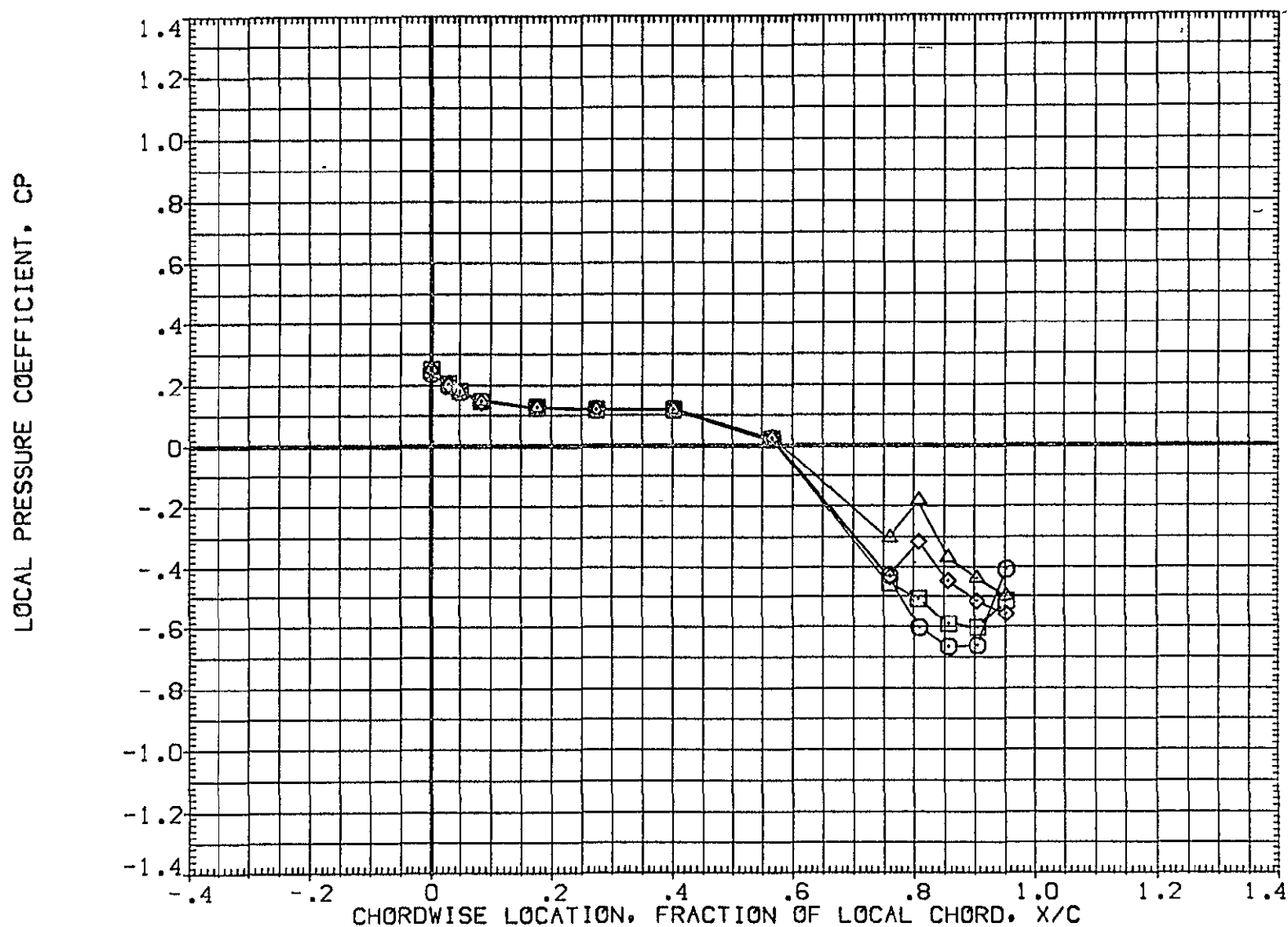


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 4.000 2Y/B = .436 PAGE 947

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	□ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	○ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	◇ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	△ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

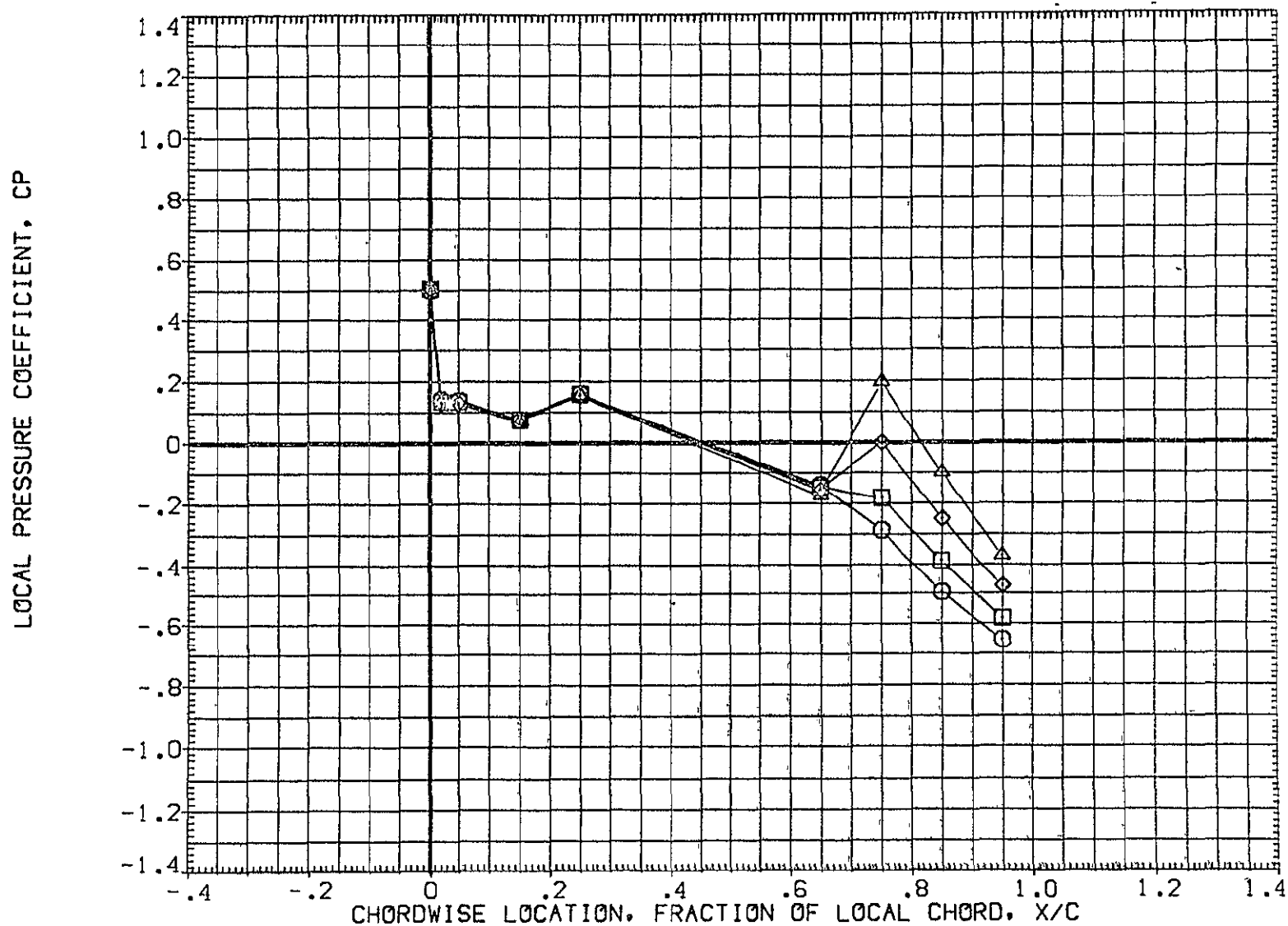


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 4.000 2Y/B = .771 PAGE 948

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

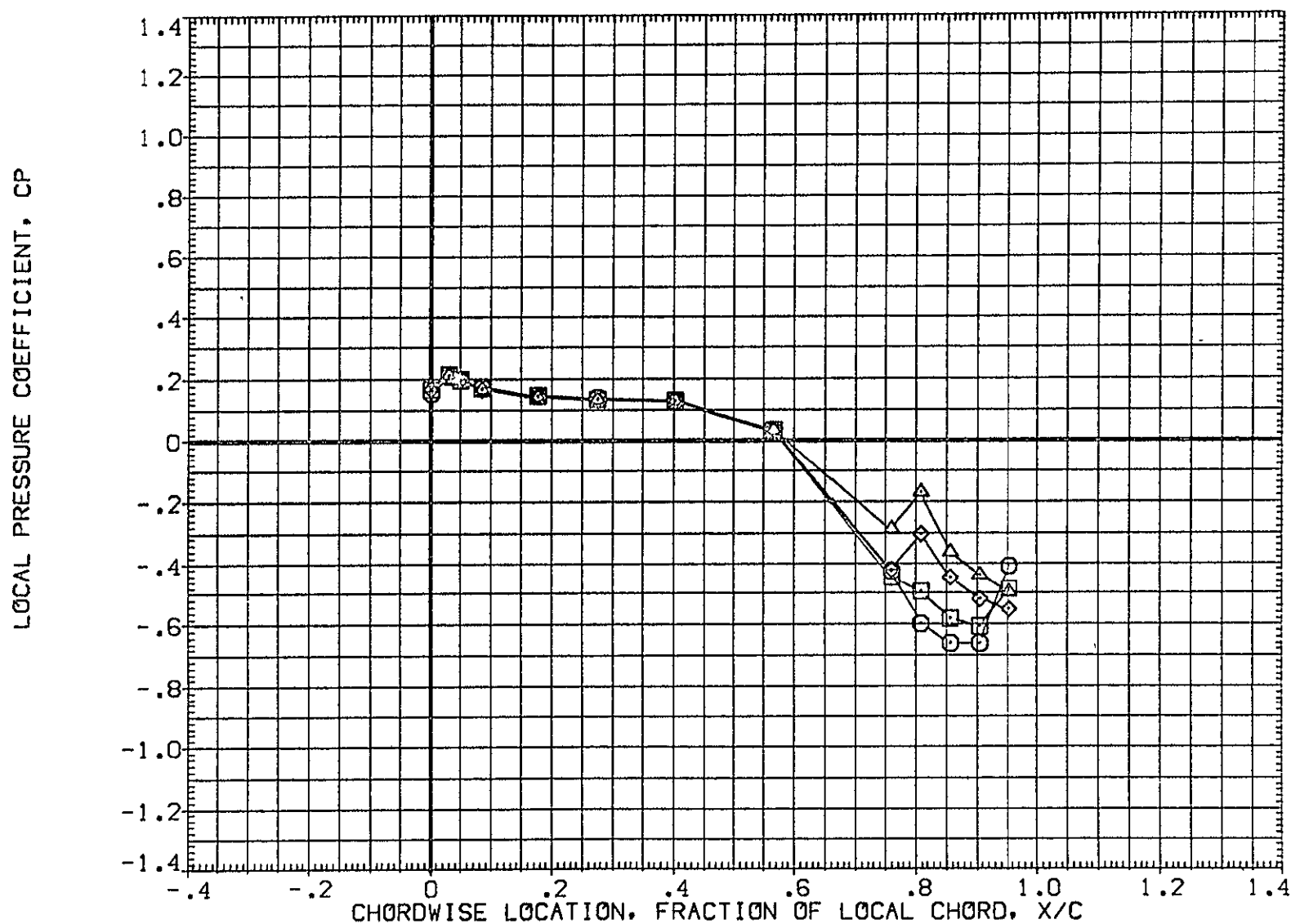


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 6.000 2Y/B = .436 PAGE 949

DATA SET SYMBOL	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

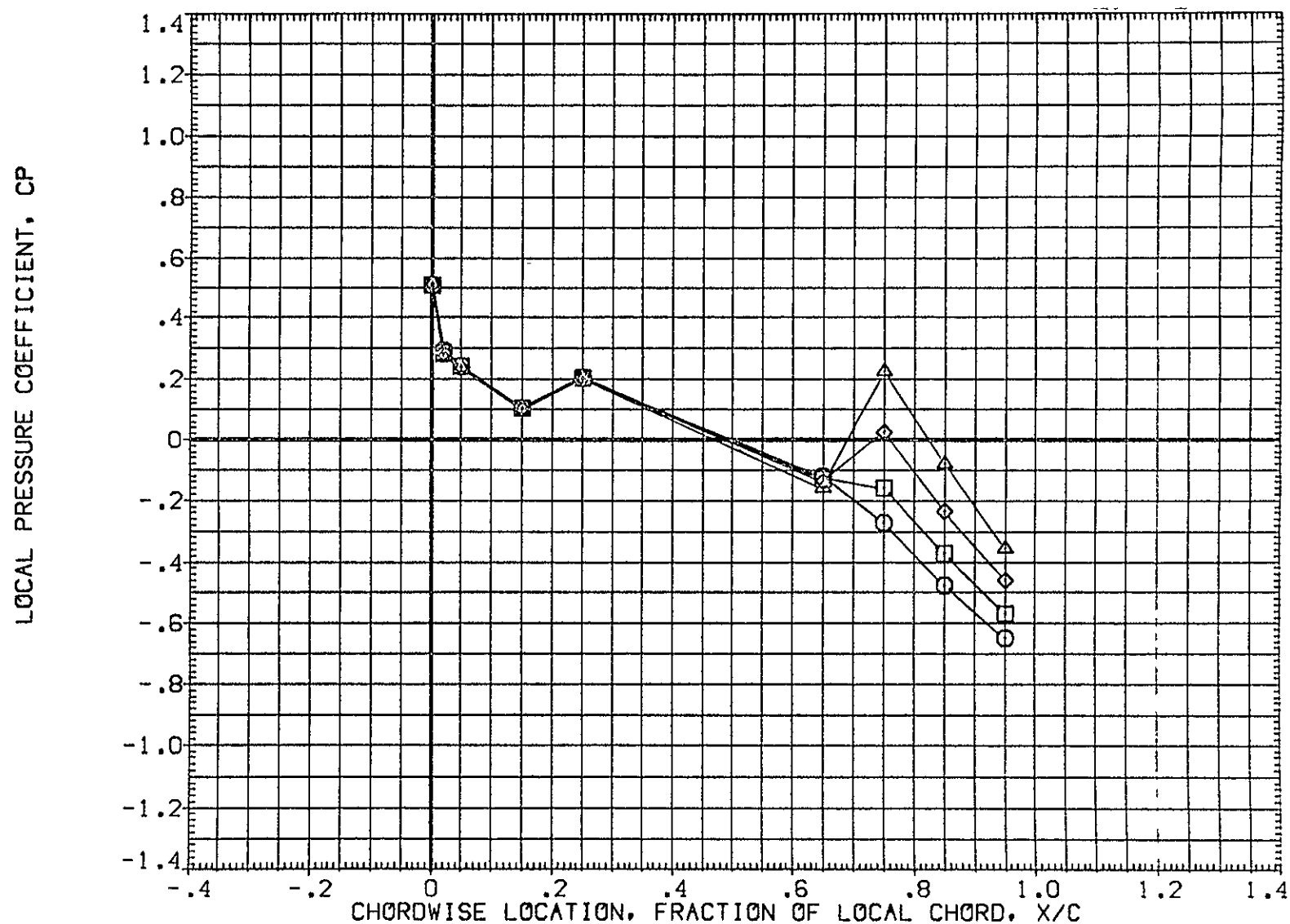


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 6.000 2Y/B = .771 PAGE 950

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

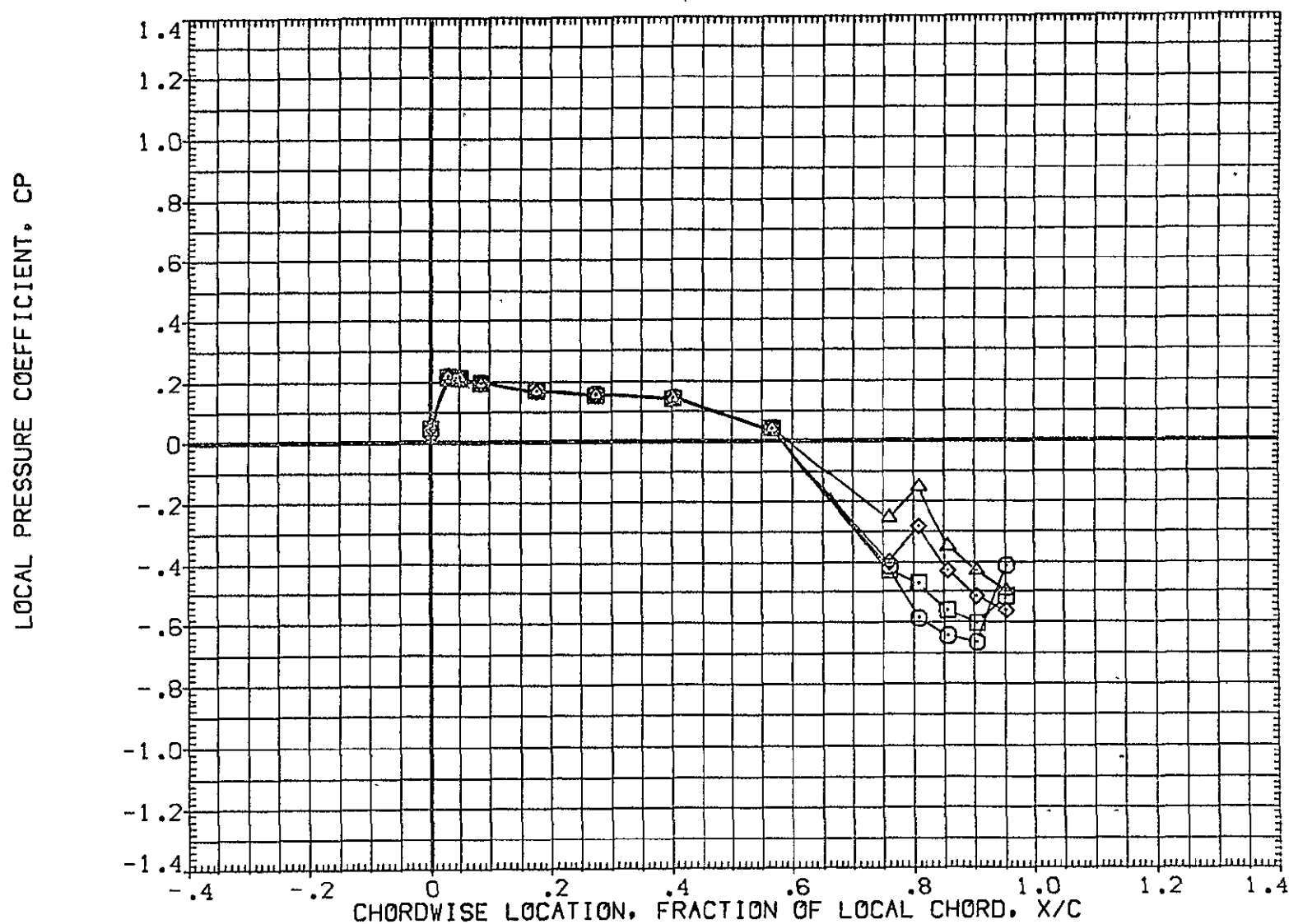


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

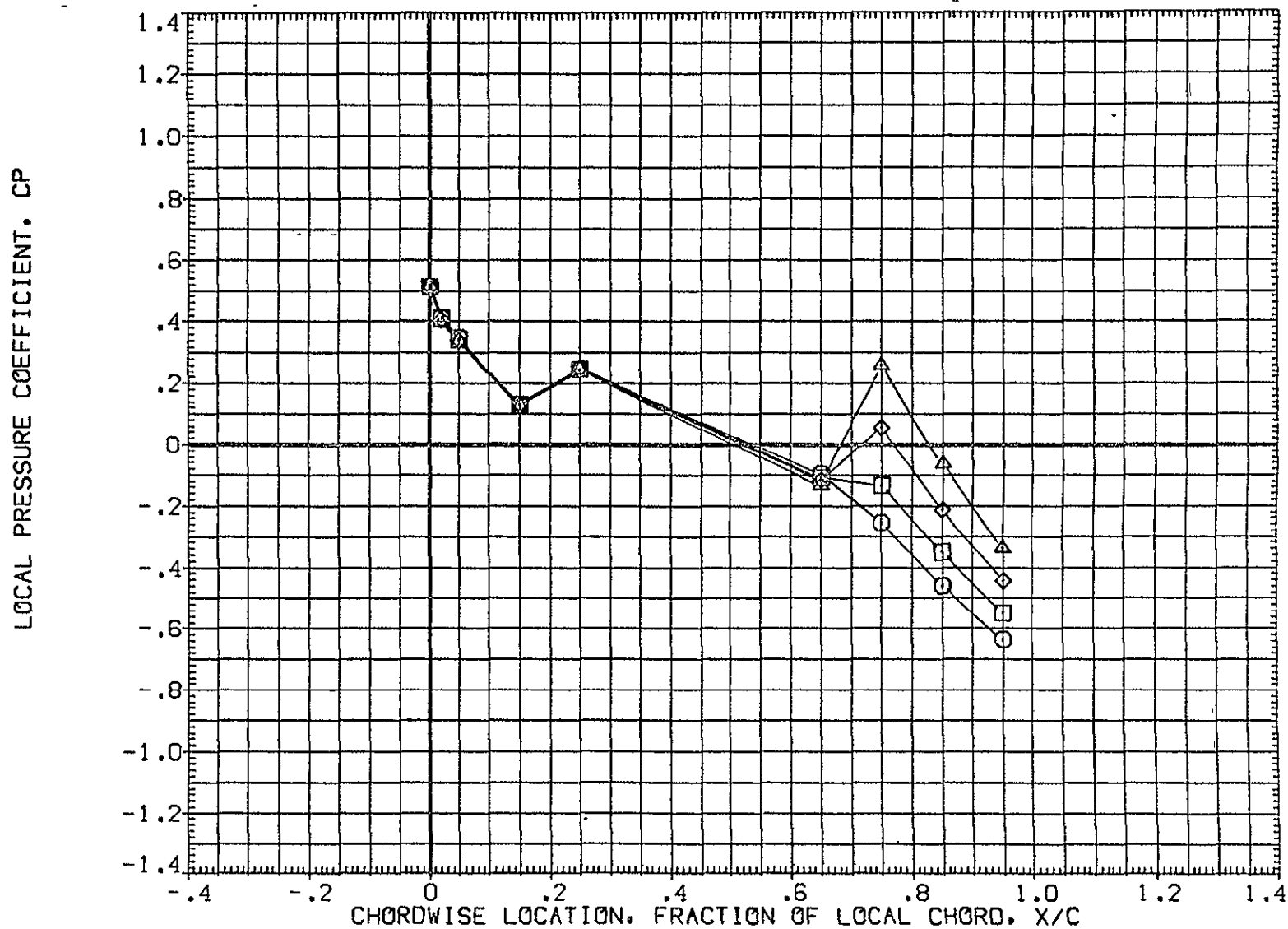


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

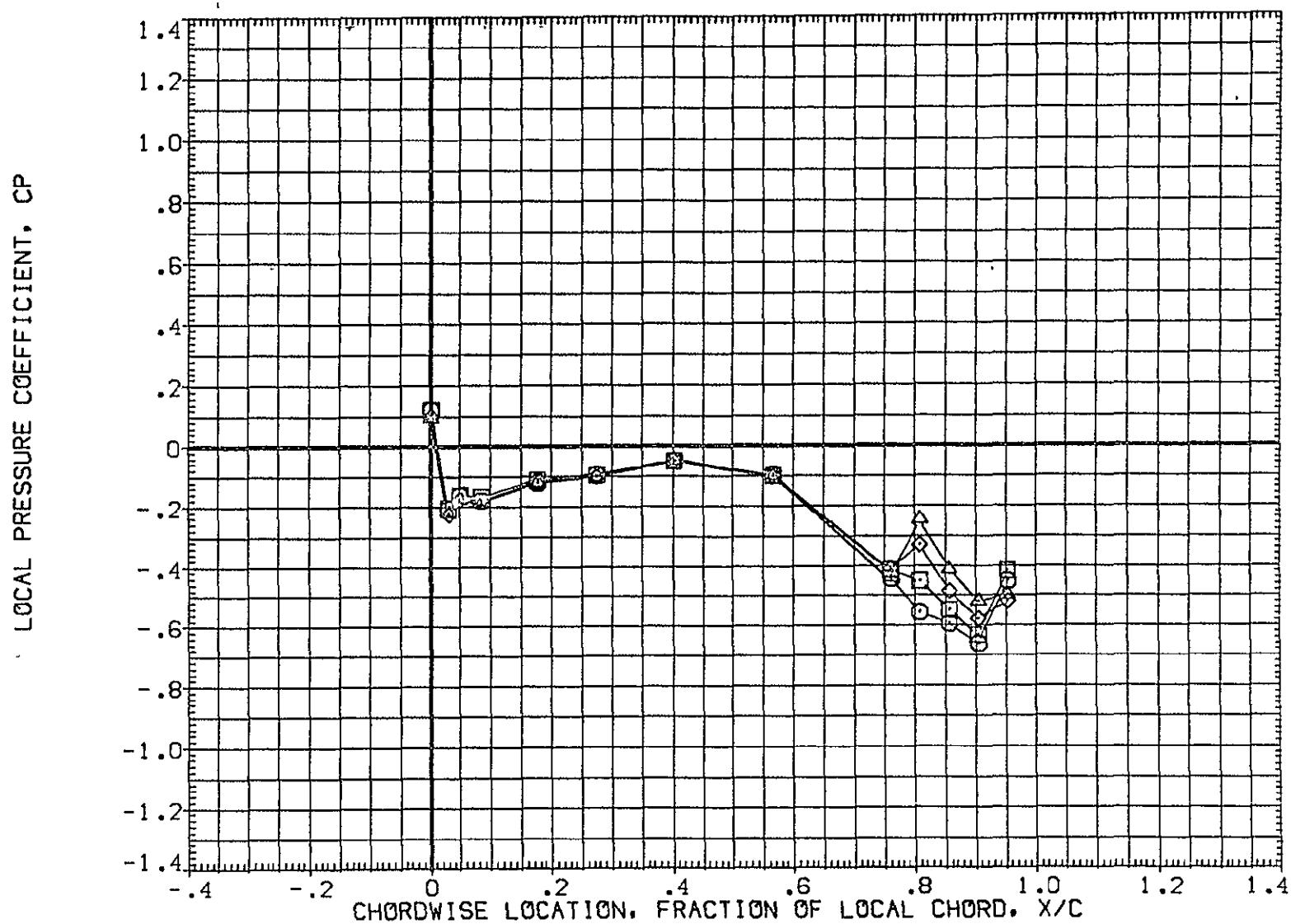


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -8.000 2Y/B = .436 PAGE 953

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

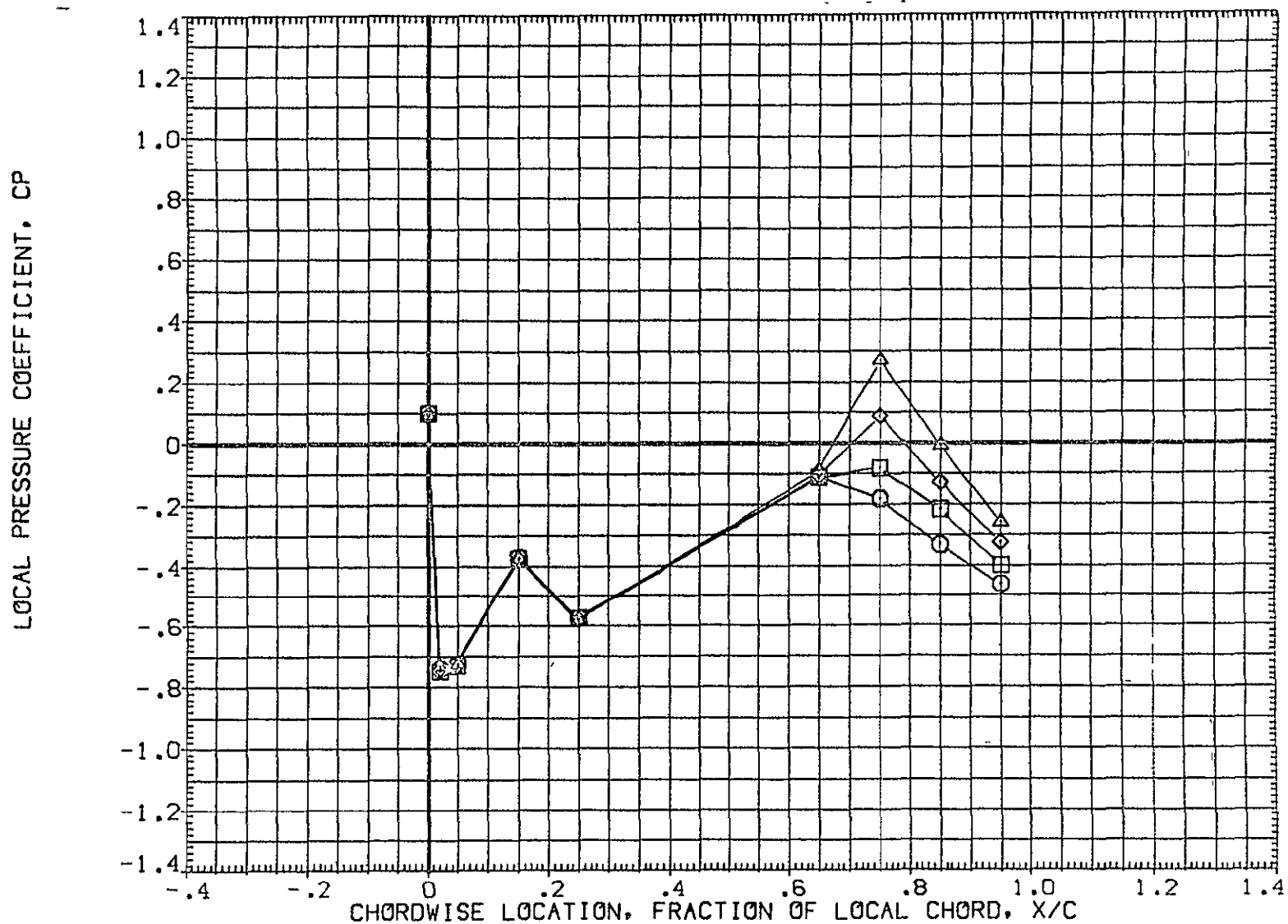


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -8.000 2Y/B = .771 PAGE 954

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

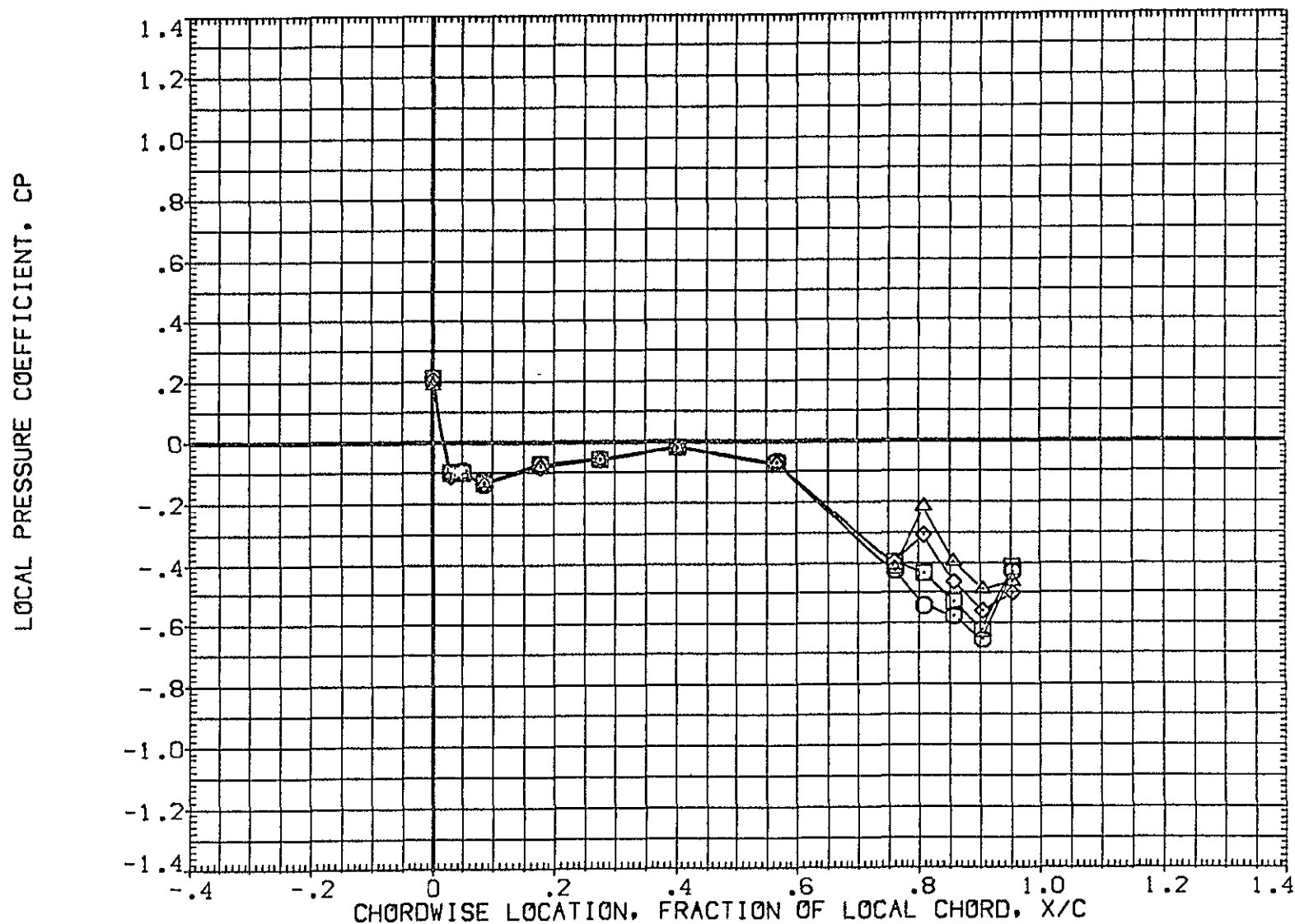


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION				DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4	
[AF7L46]	○	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	□	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	◇	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	△	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

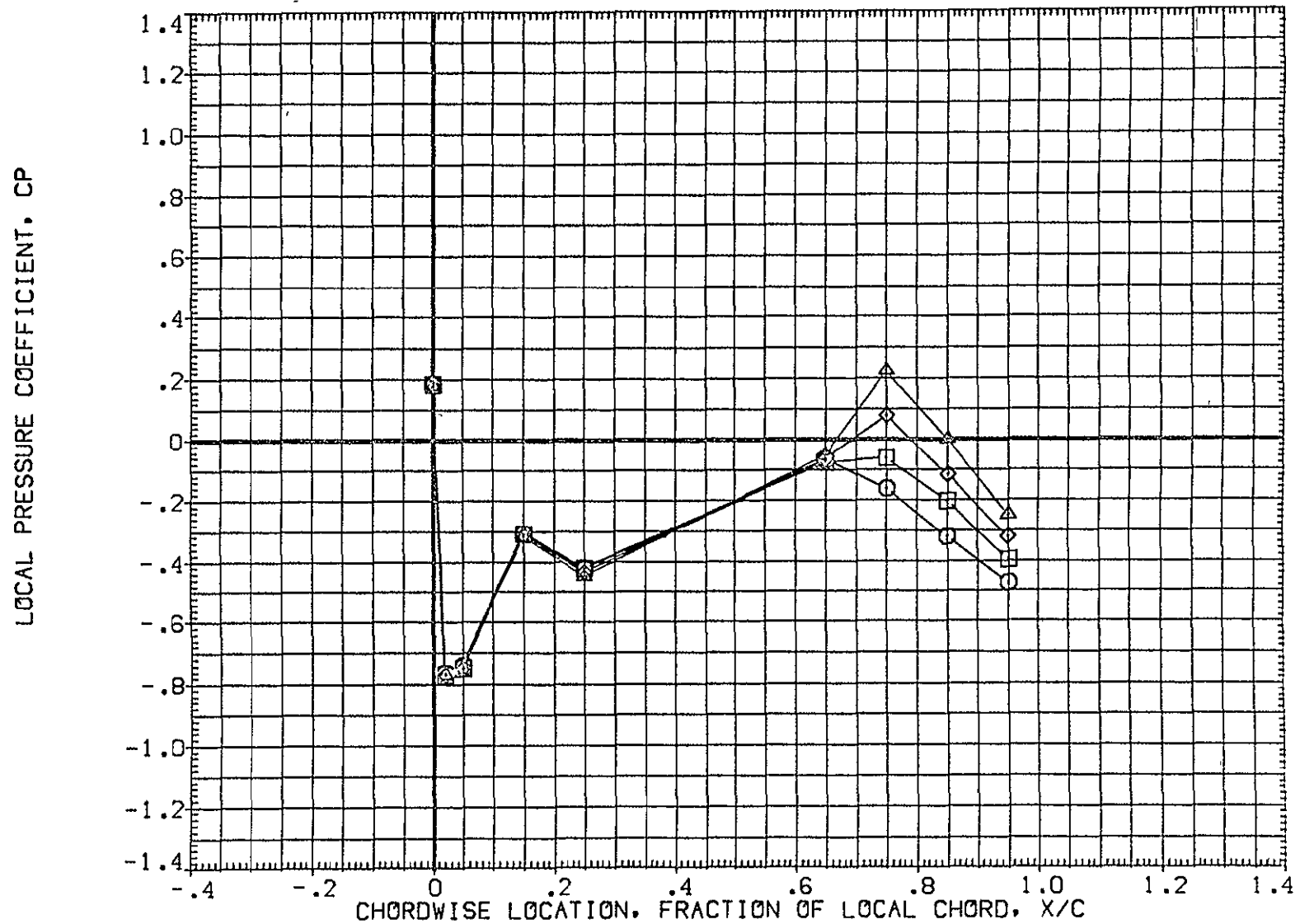


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -6.000 2Y/B = .771 PAGE 956

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

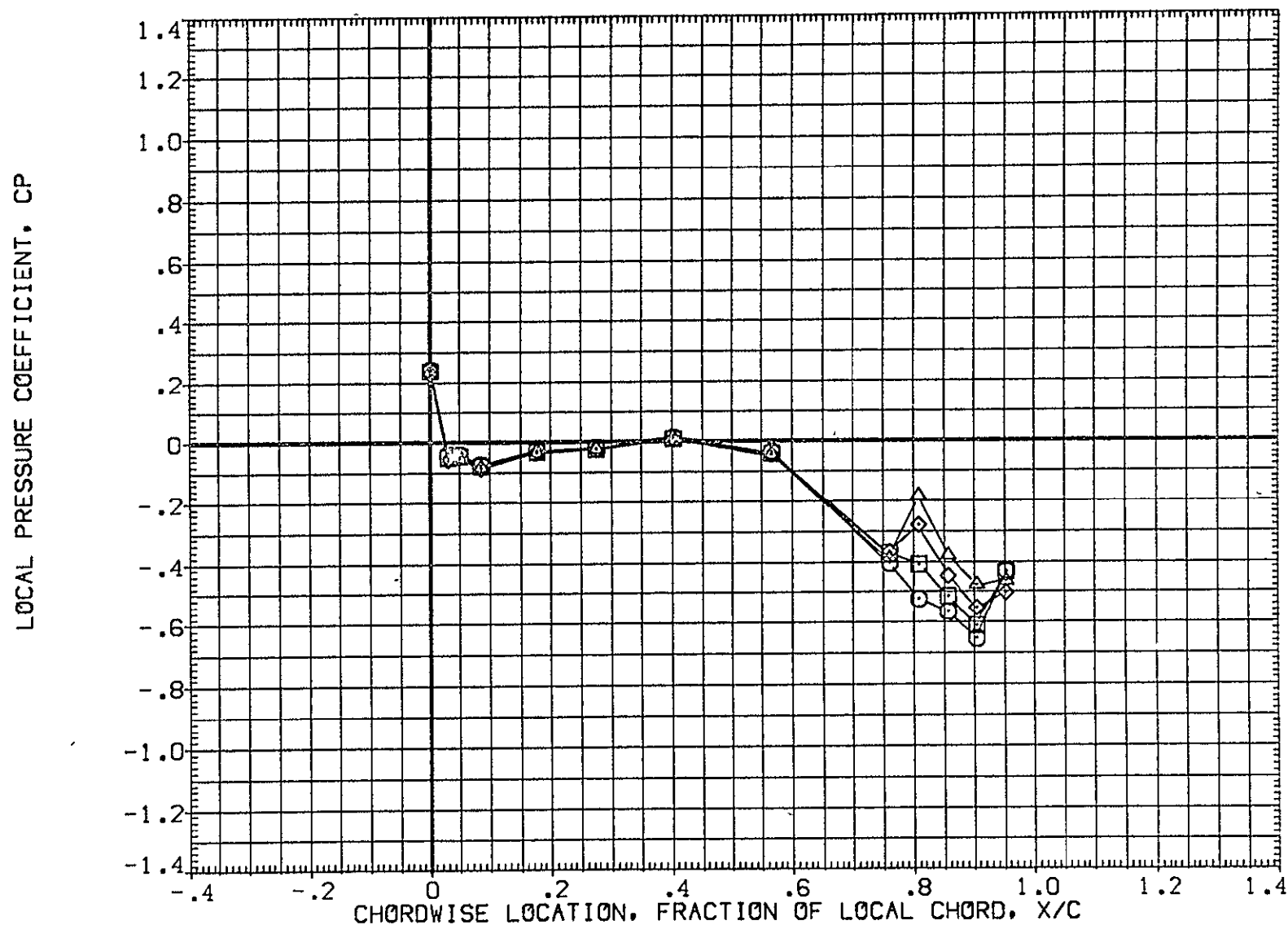


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

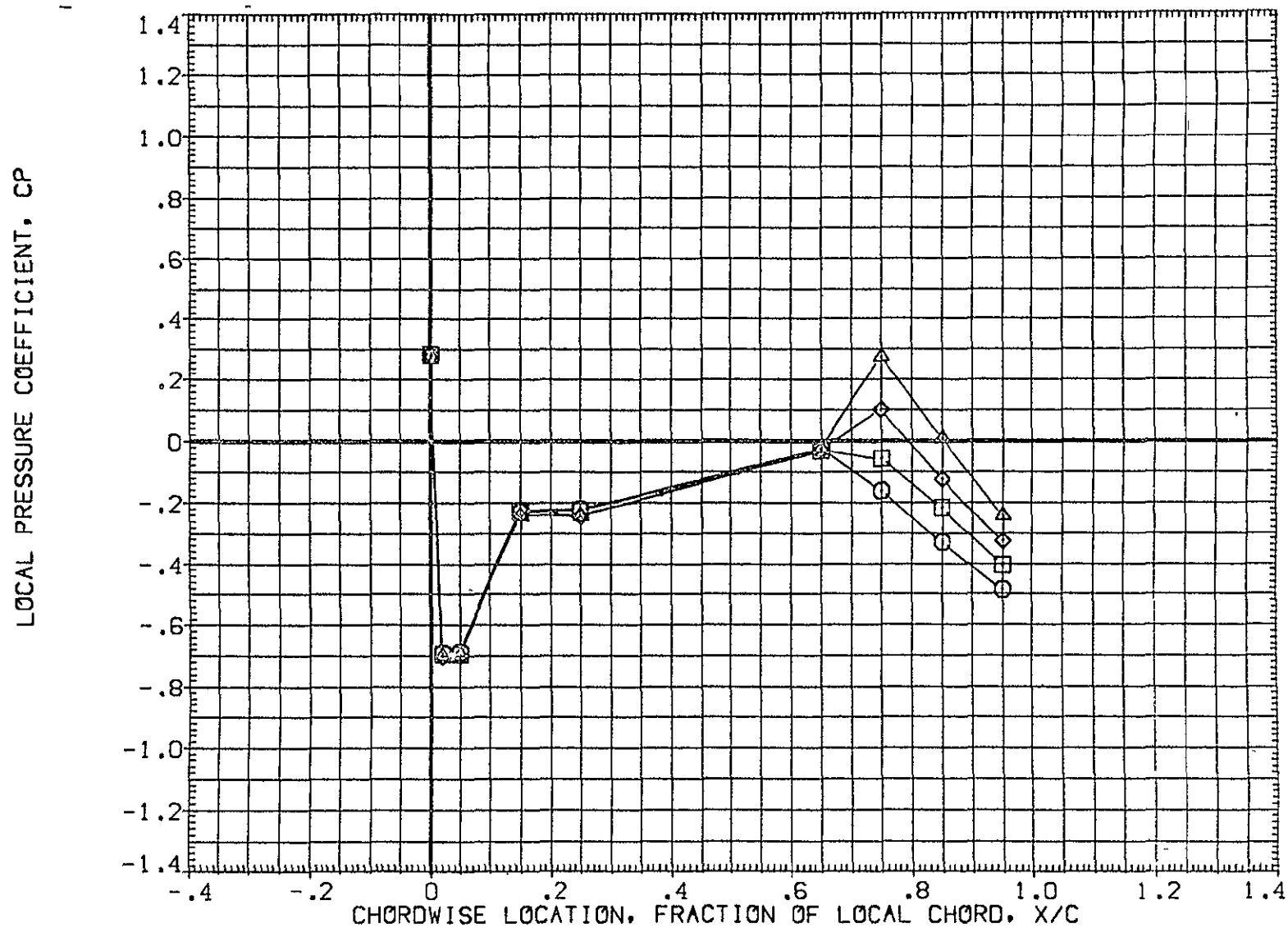


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000



FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 959



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

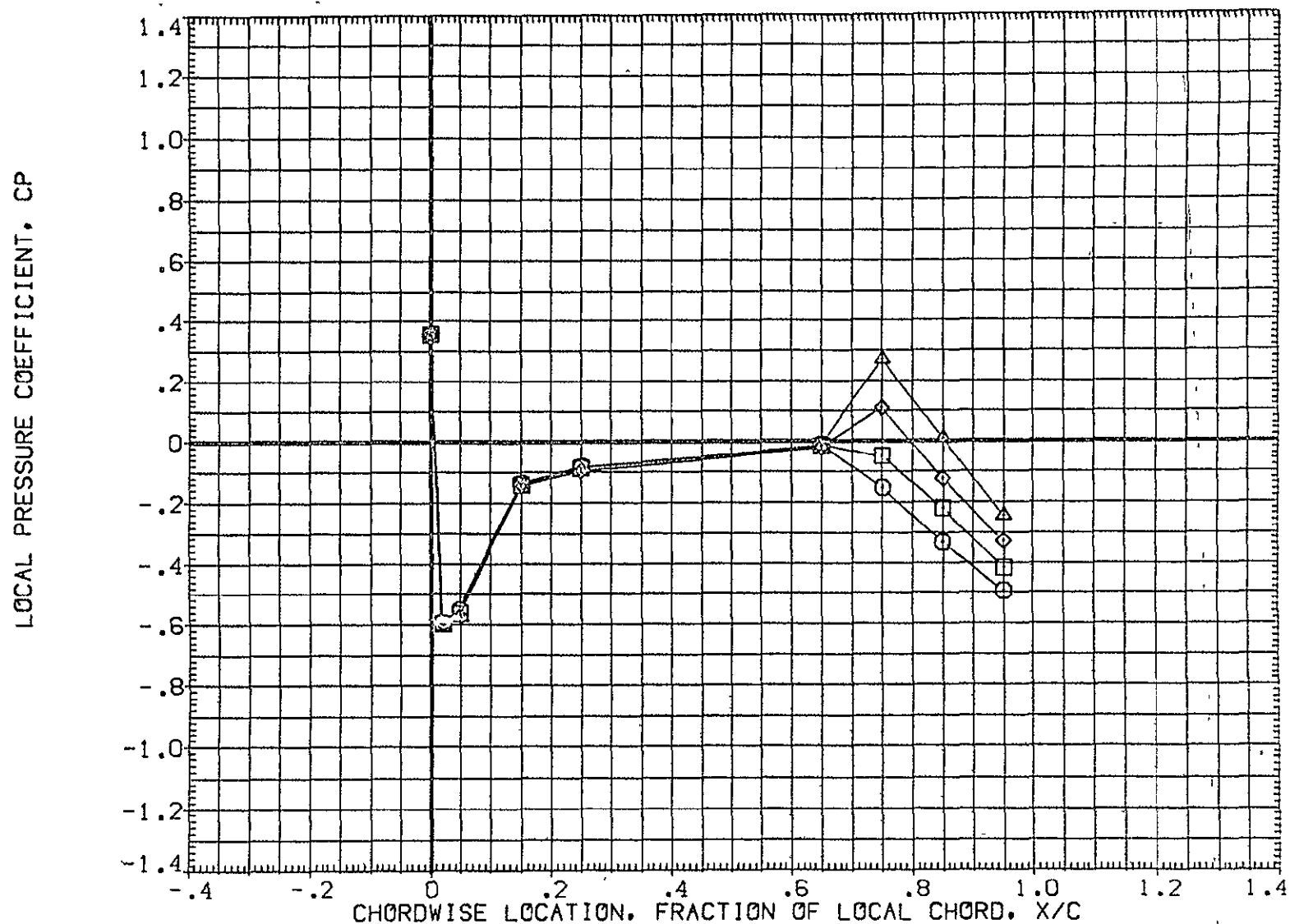


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

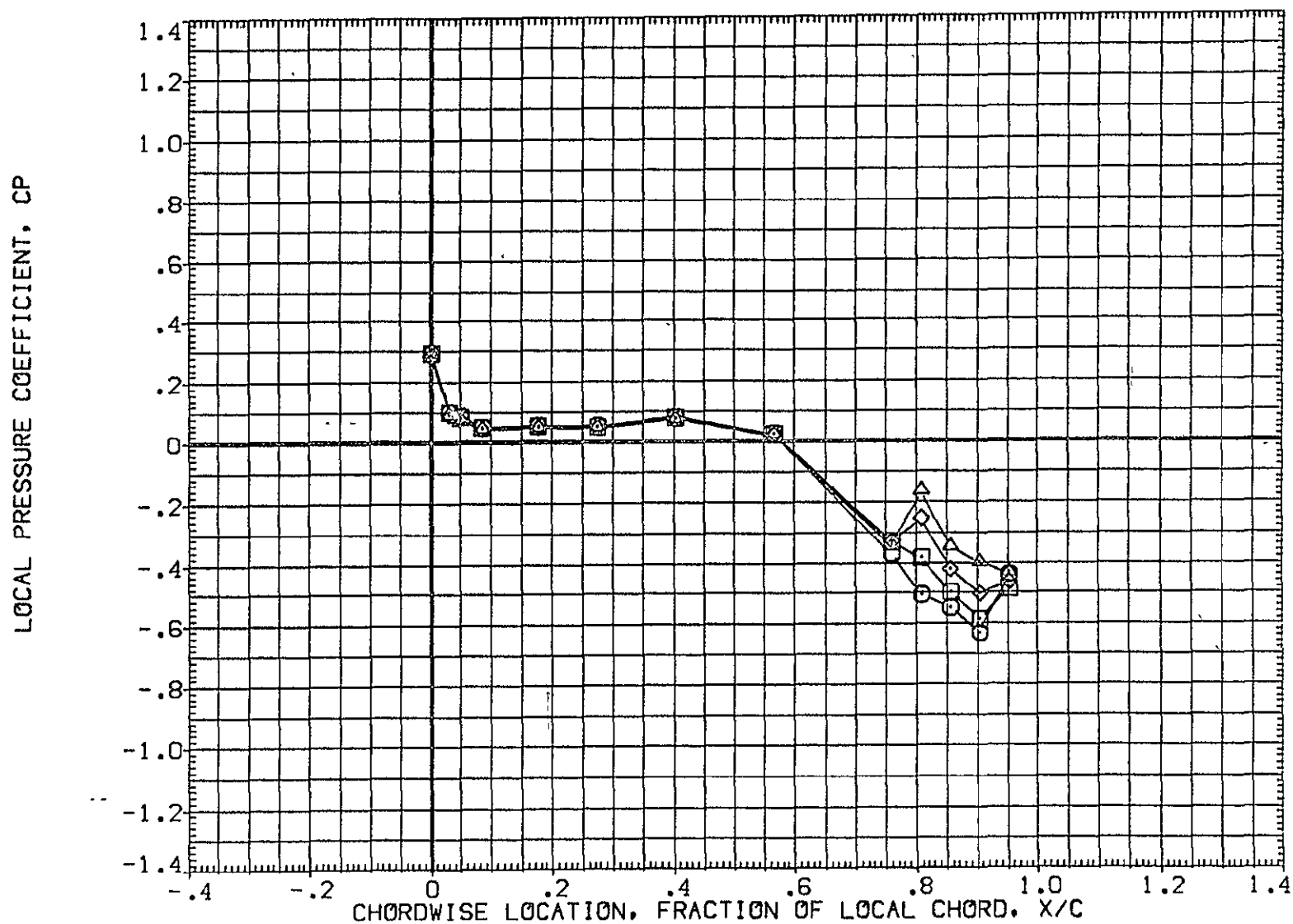


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	□	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

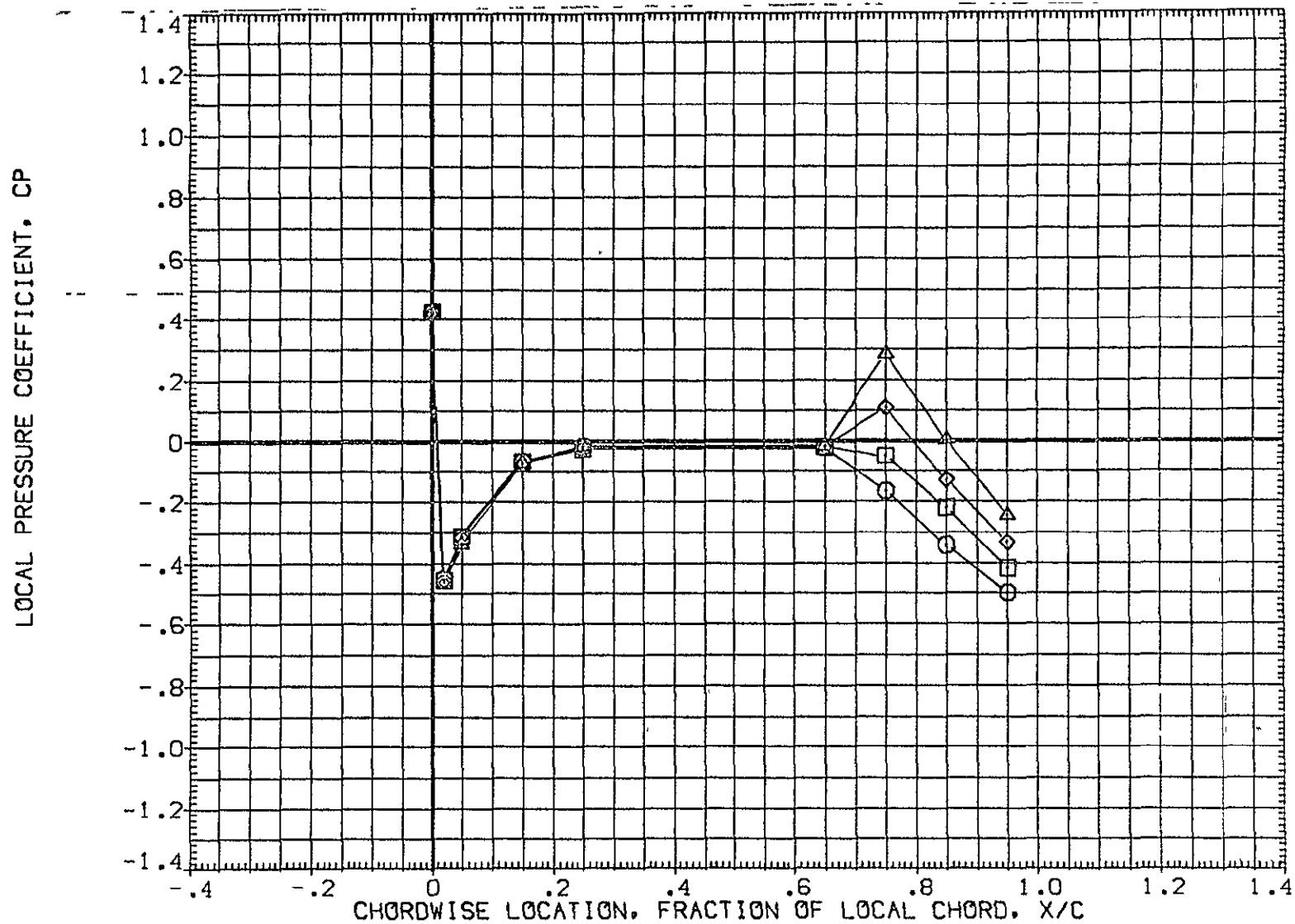


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

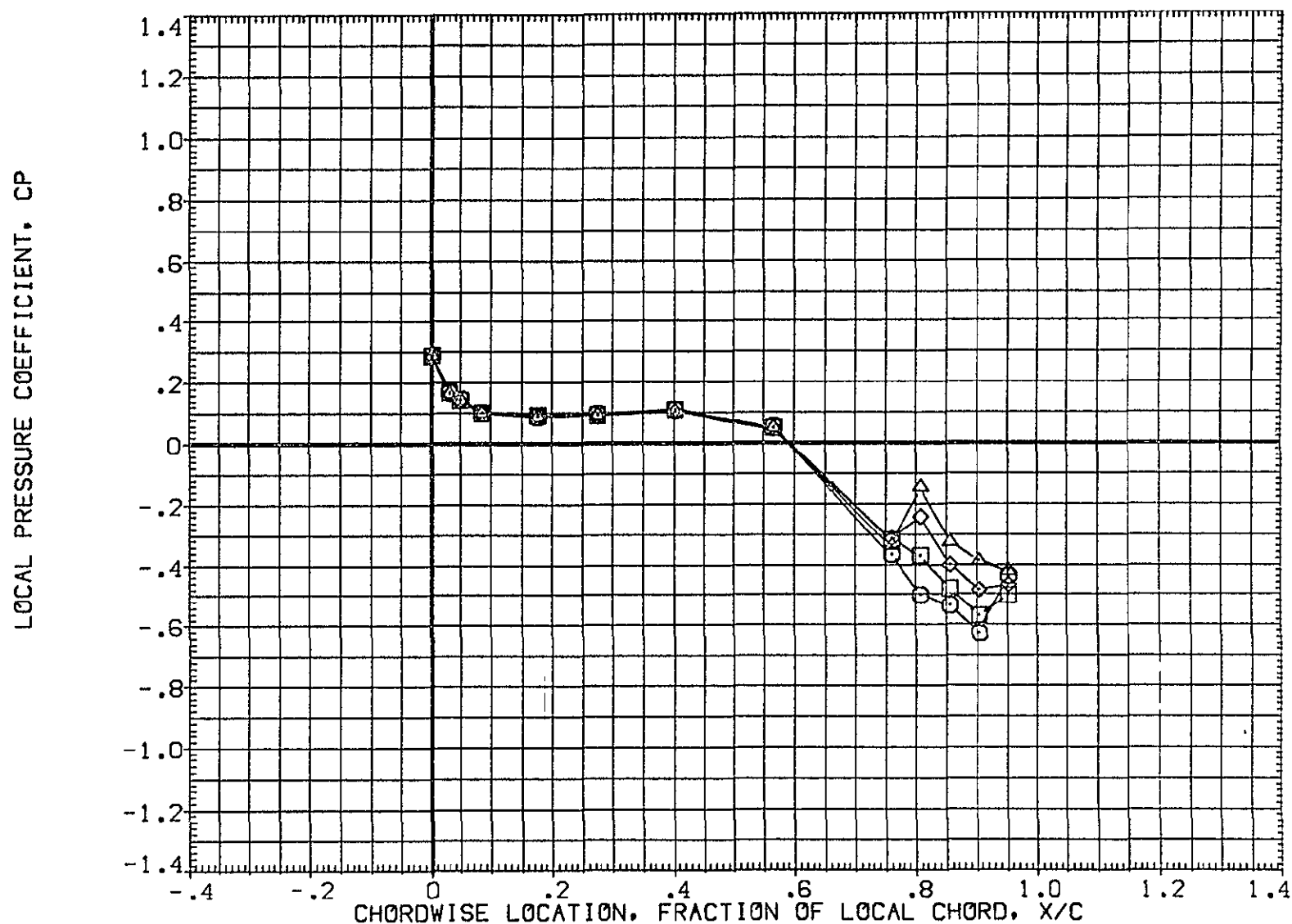


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 2.000 2Y/B = .436 PAGE 963

DATA SET SYMBOL	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	○	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000
(AF7L51)	□	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000
(AF7L56)	◇	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000
(AF7L61)	△	1A70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000

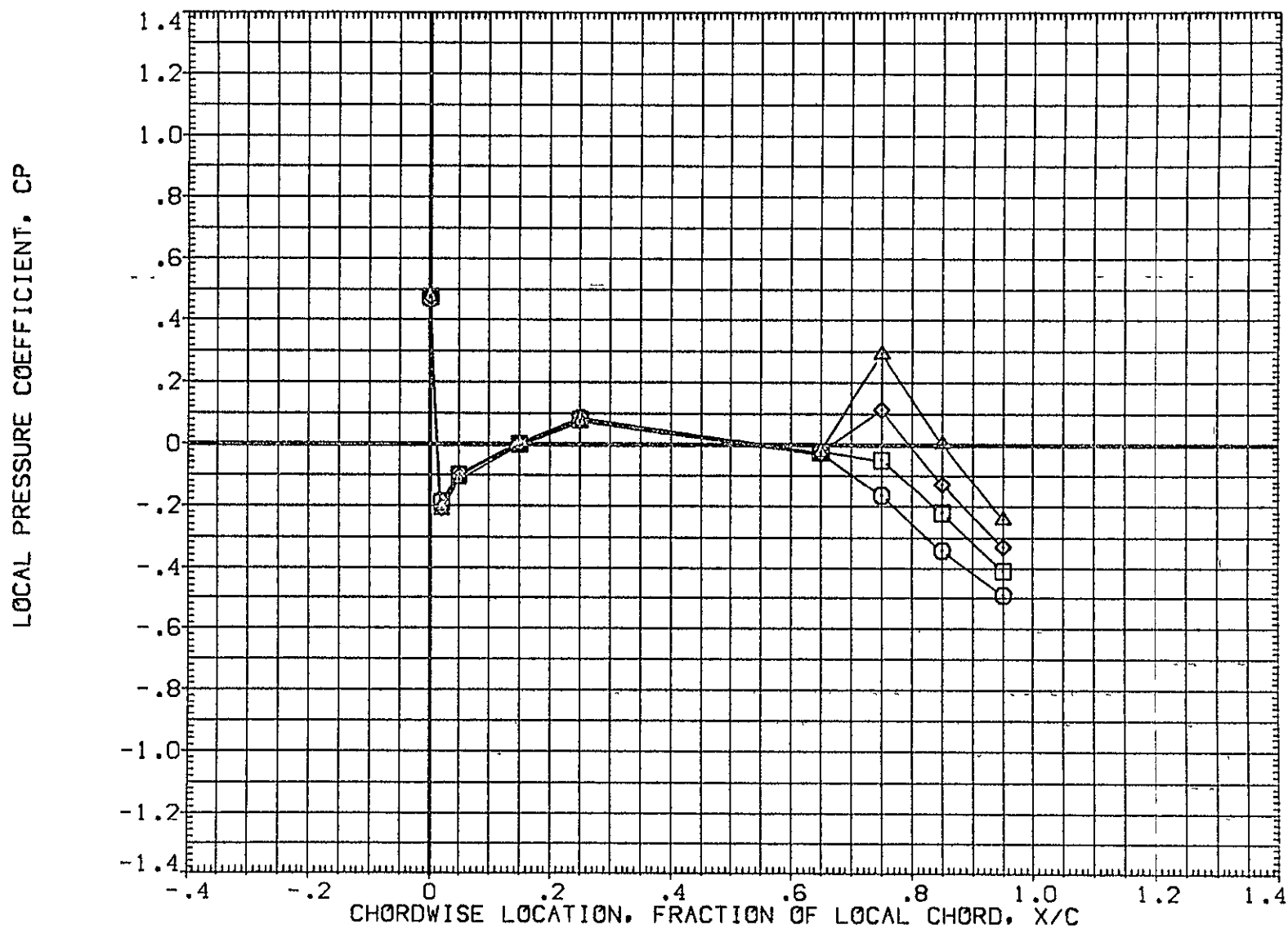


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 2.000 2Y/B = .771 PAGE 964

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

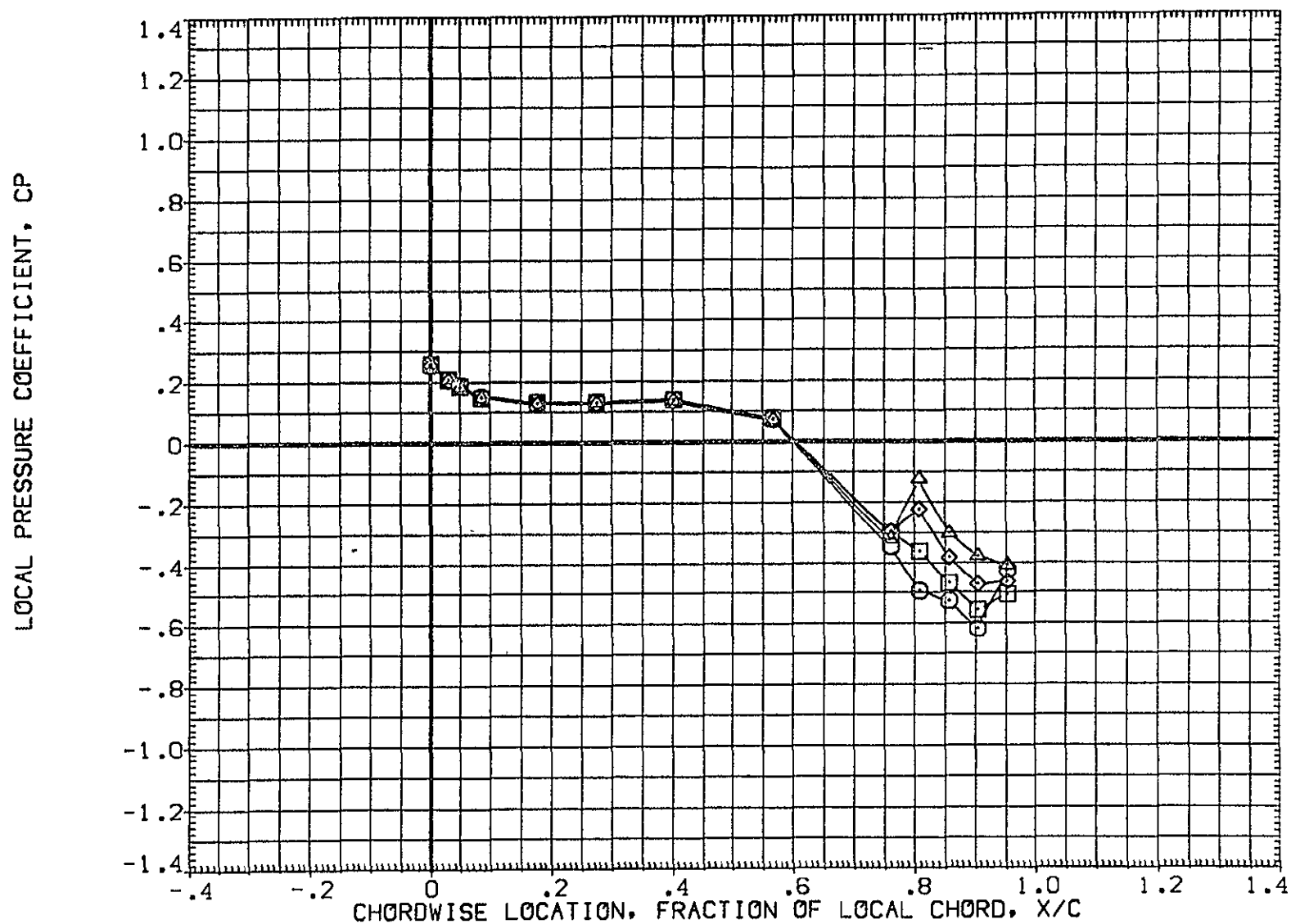


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

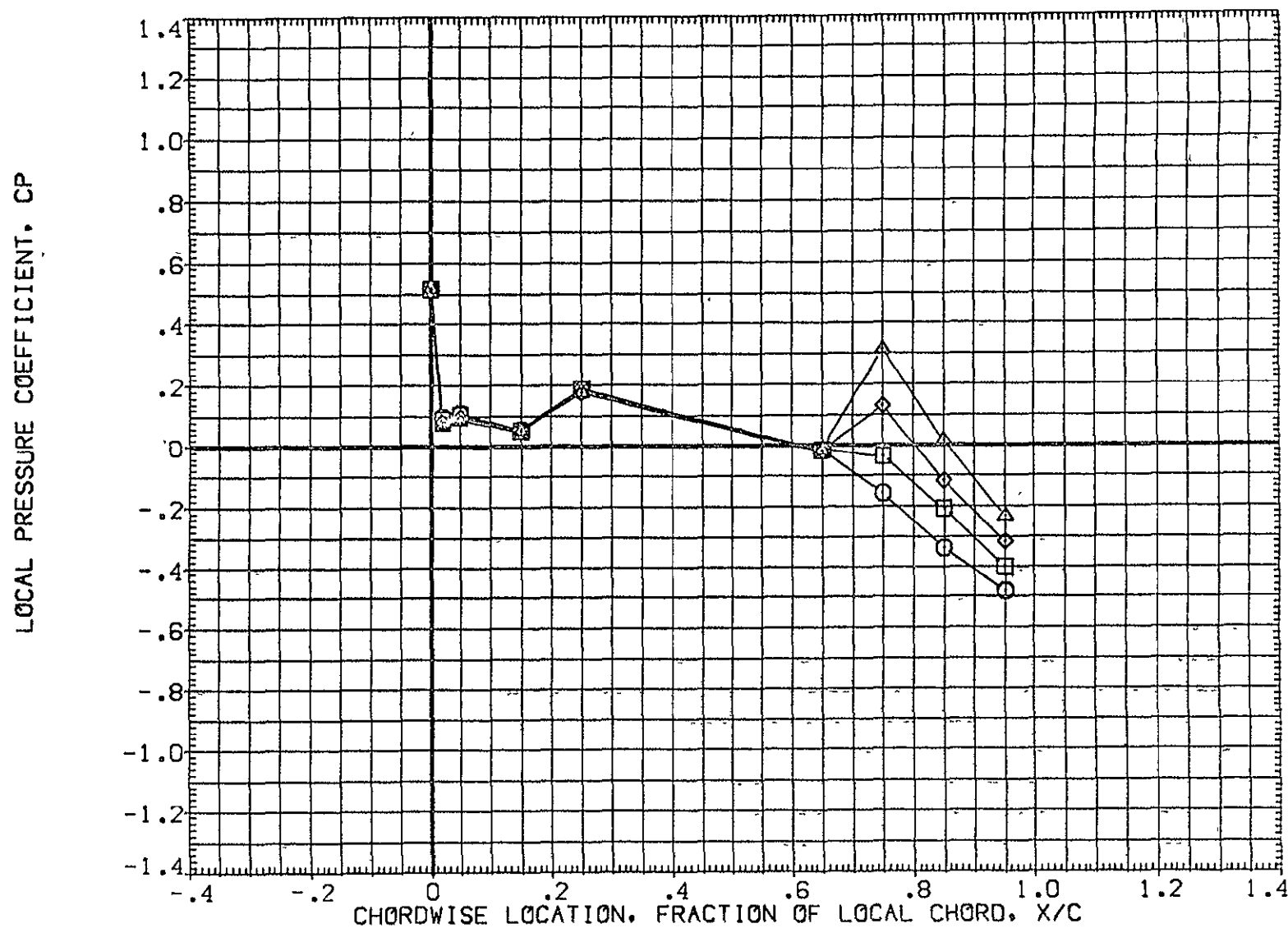


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

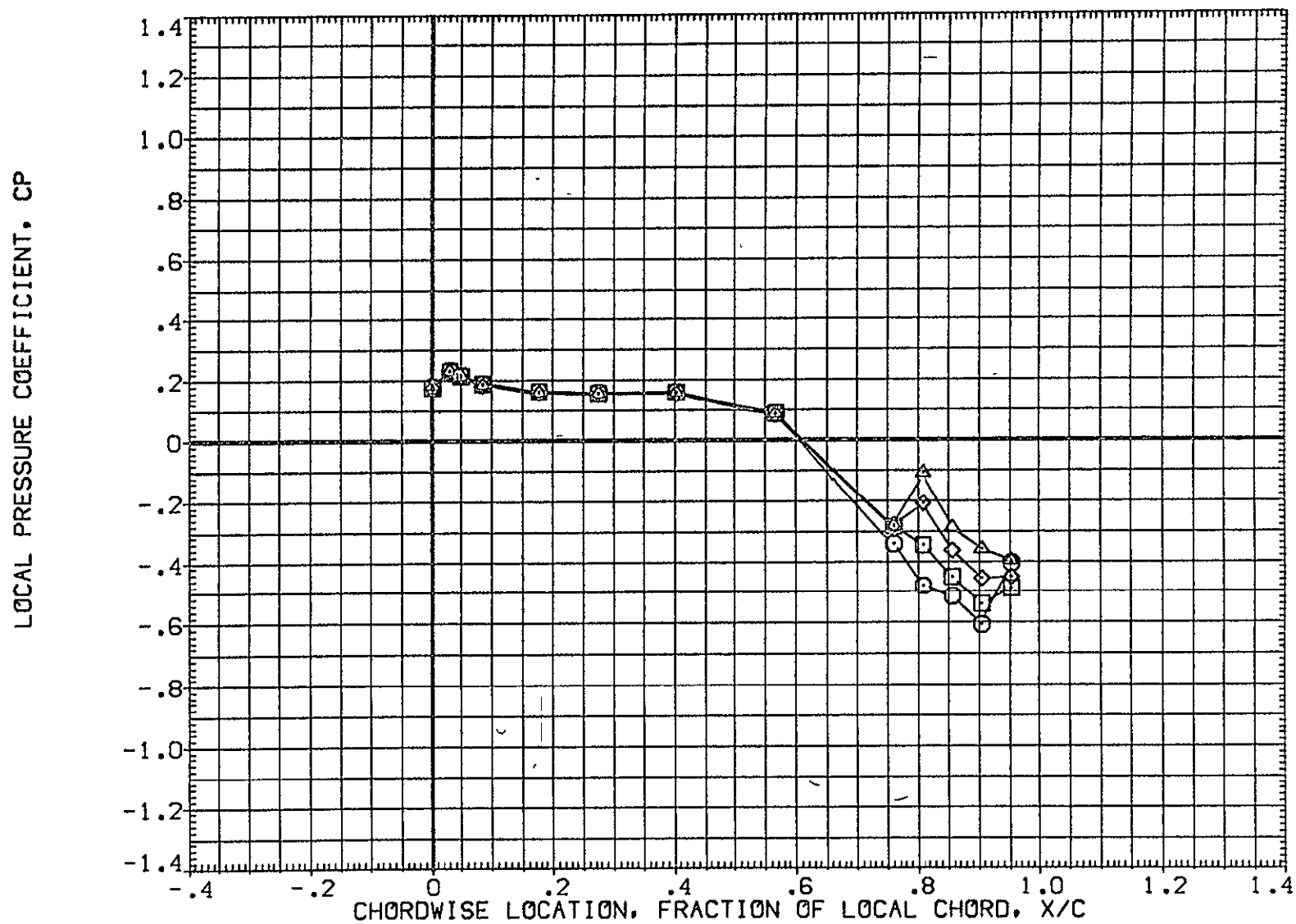


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 967



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

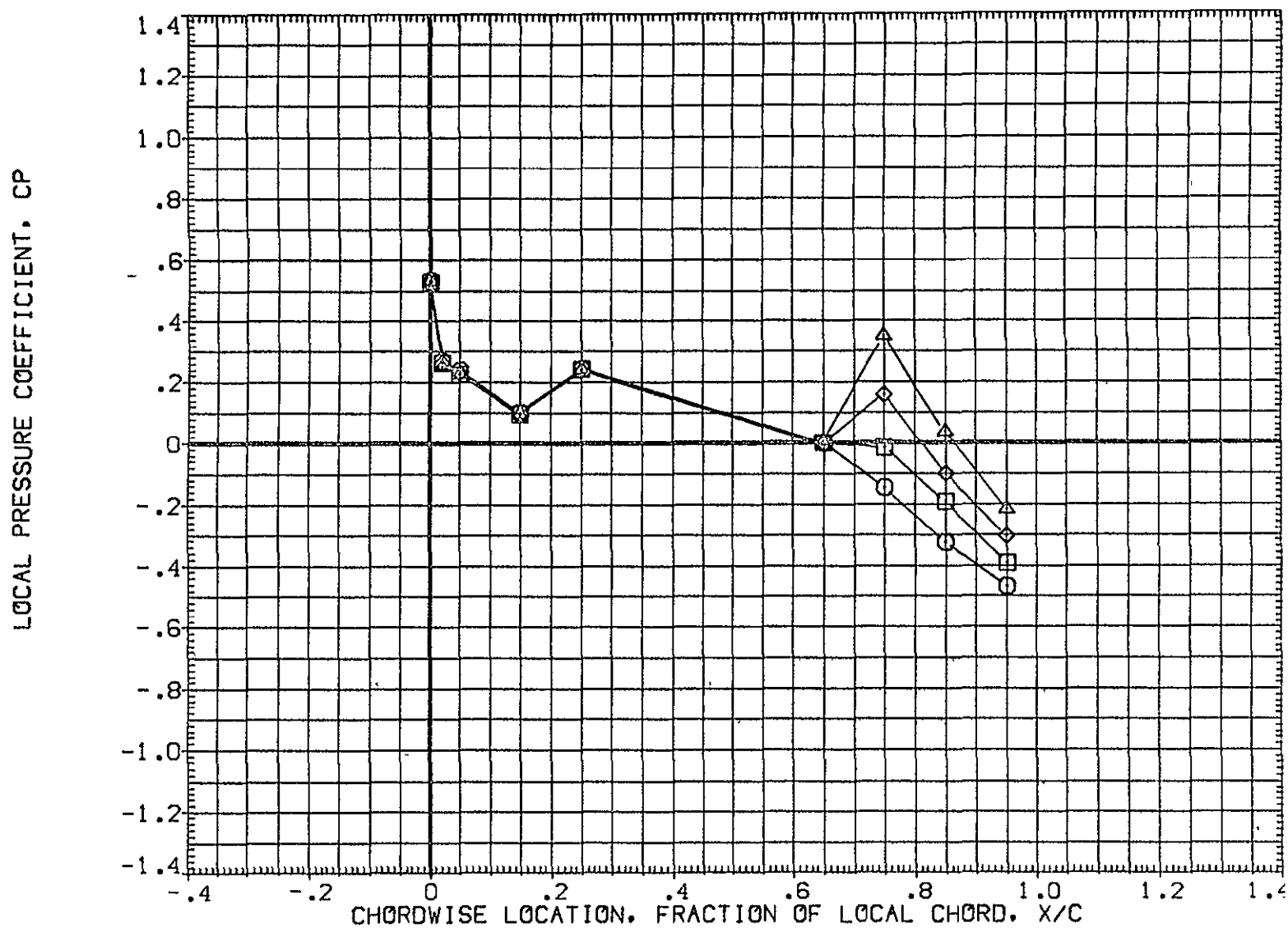


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 968

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	.000	.000	.000
{AF7L51}	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	4.000	4.000	4.000
{AF7L56}	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	8.000	8.000
{AF7L61}	IA70 01 T12 S1 P2 P8	WING LOWER SURFACE	8.000	12.000	12.000

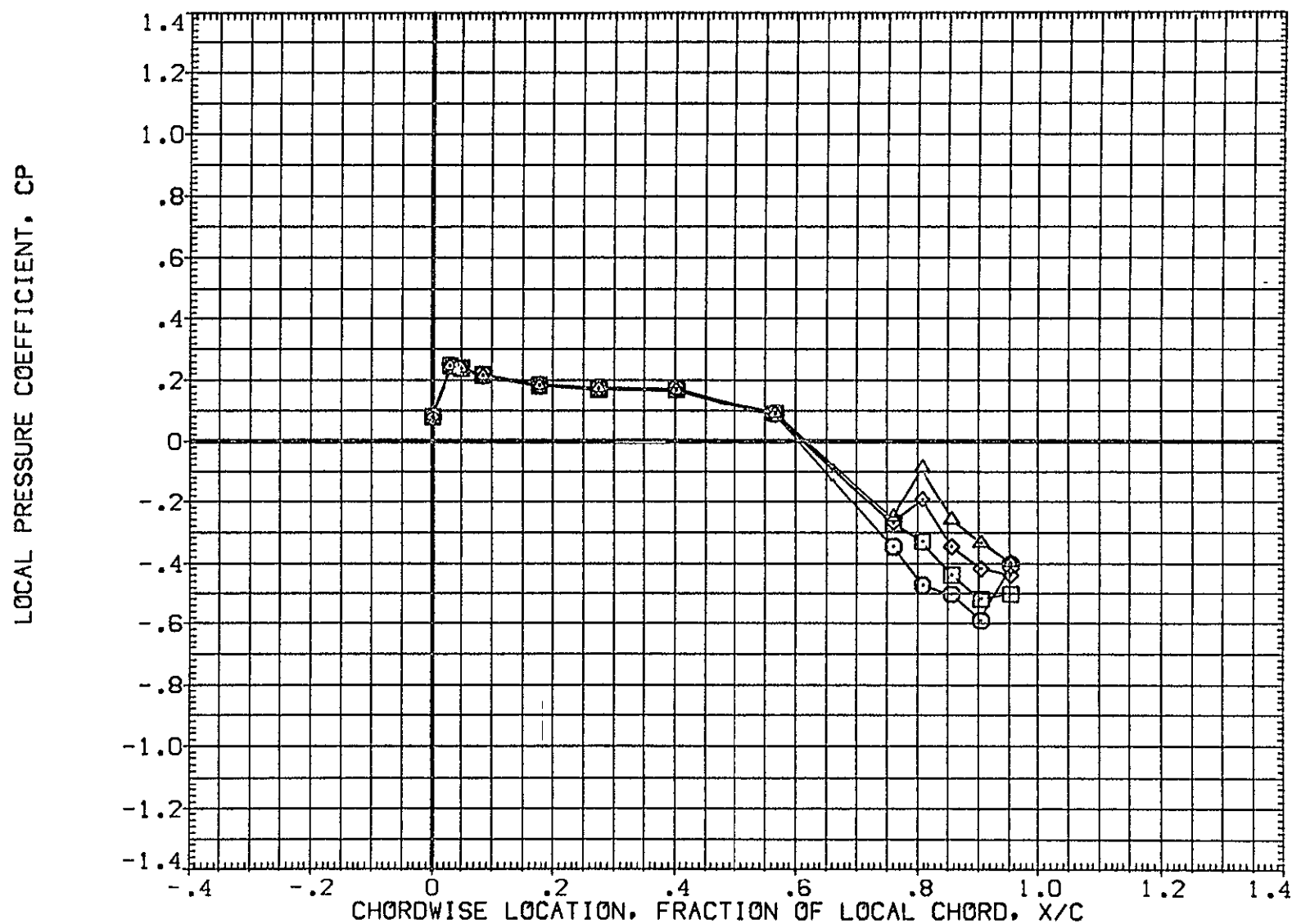


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

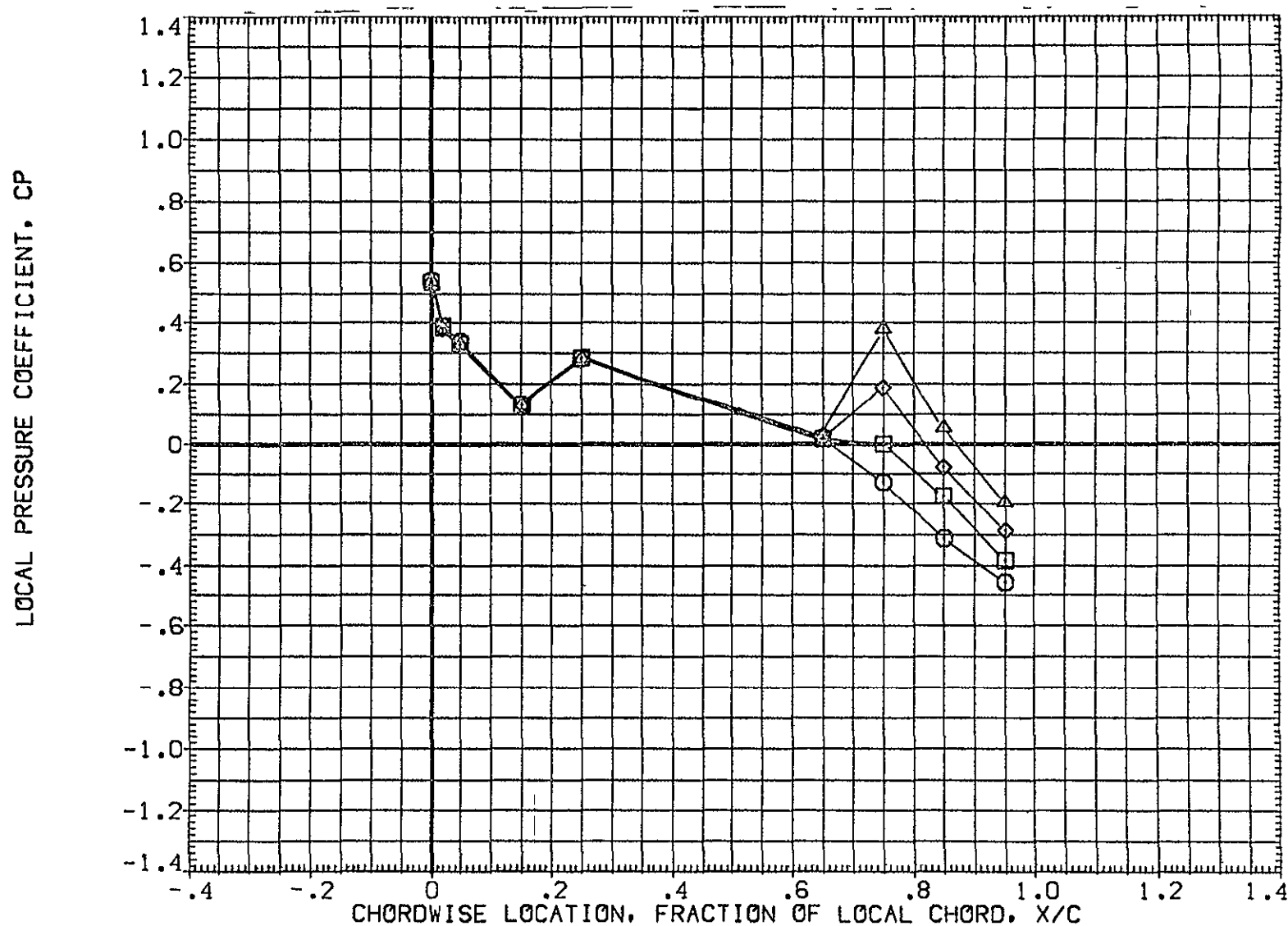


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION				DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4	
{AF7L46}	○	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	□	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	◇	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	△	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

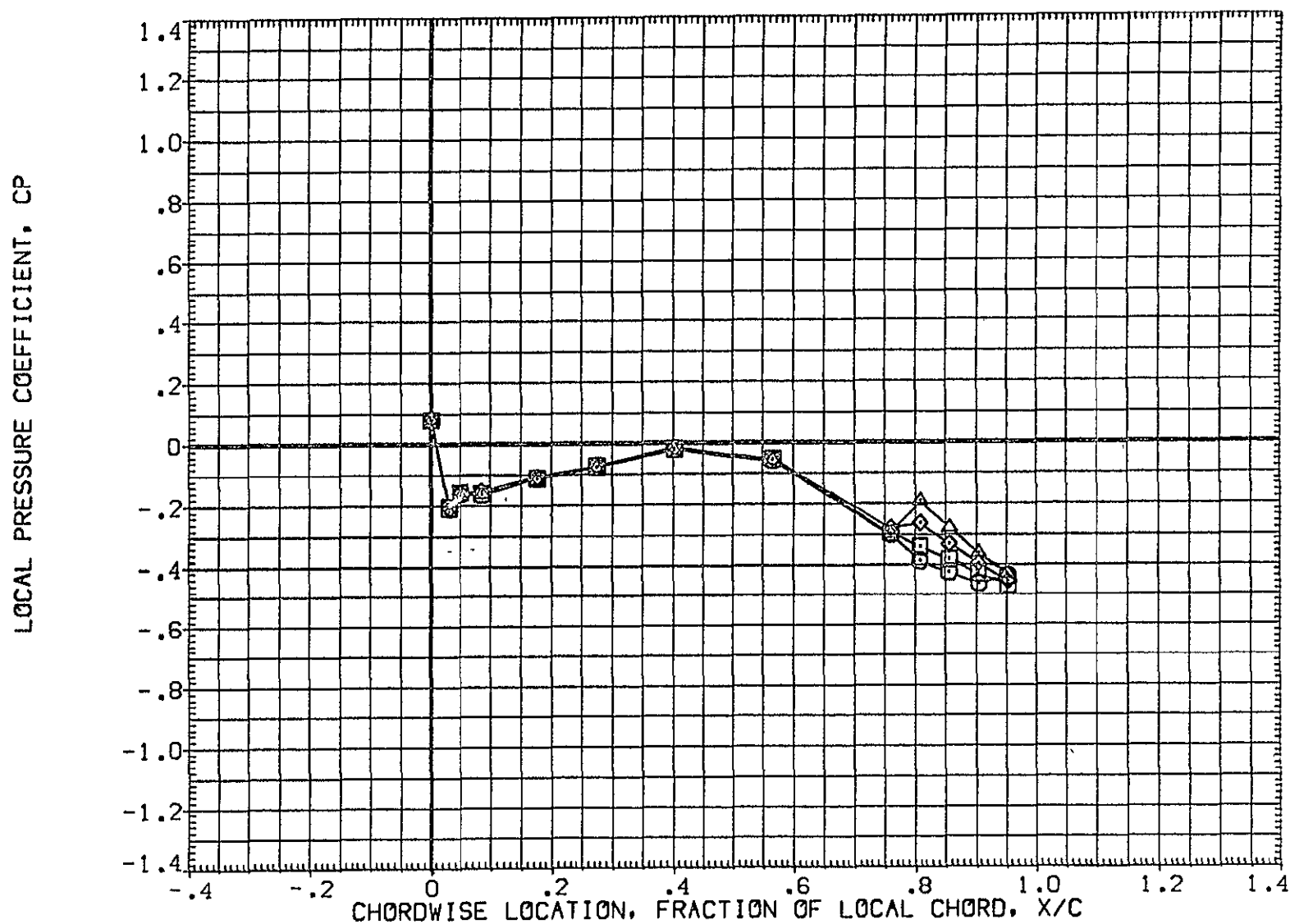


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

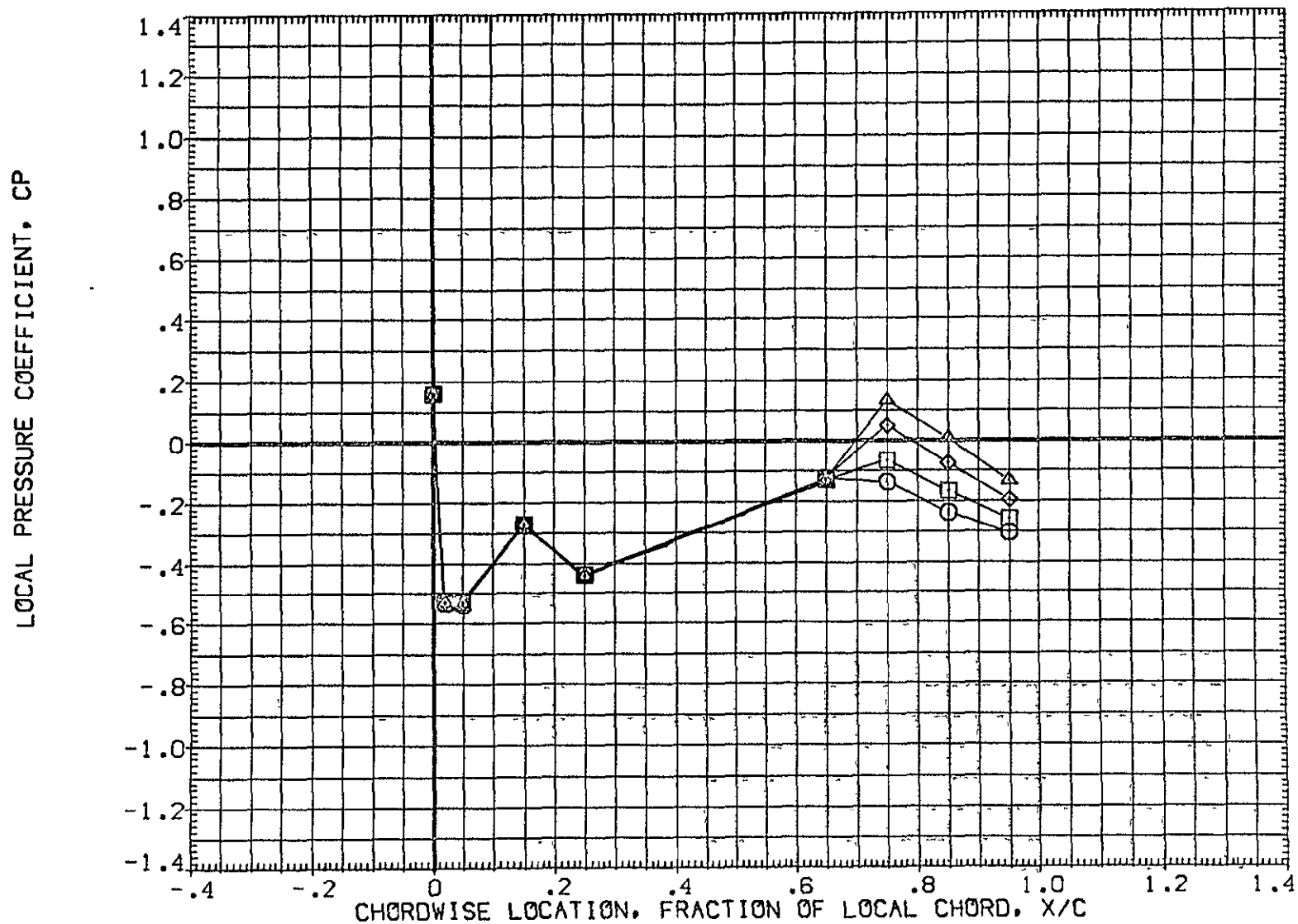


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -8.000 2Y/B = .771 PAGE 972

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

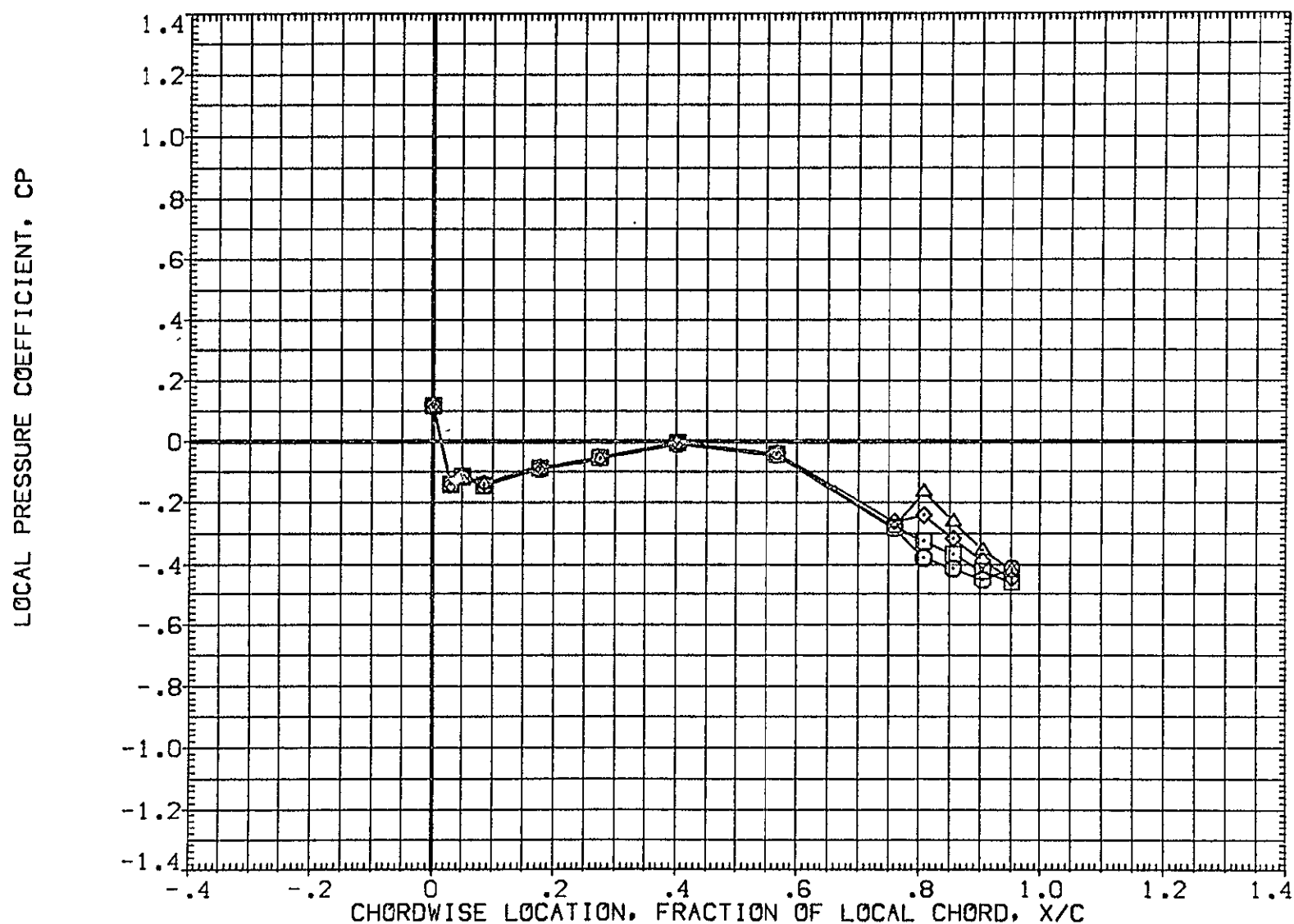


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -6.000 2Y/B = .436 PAGE 973

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

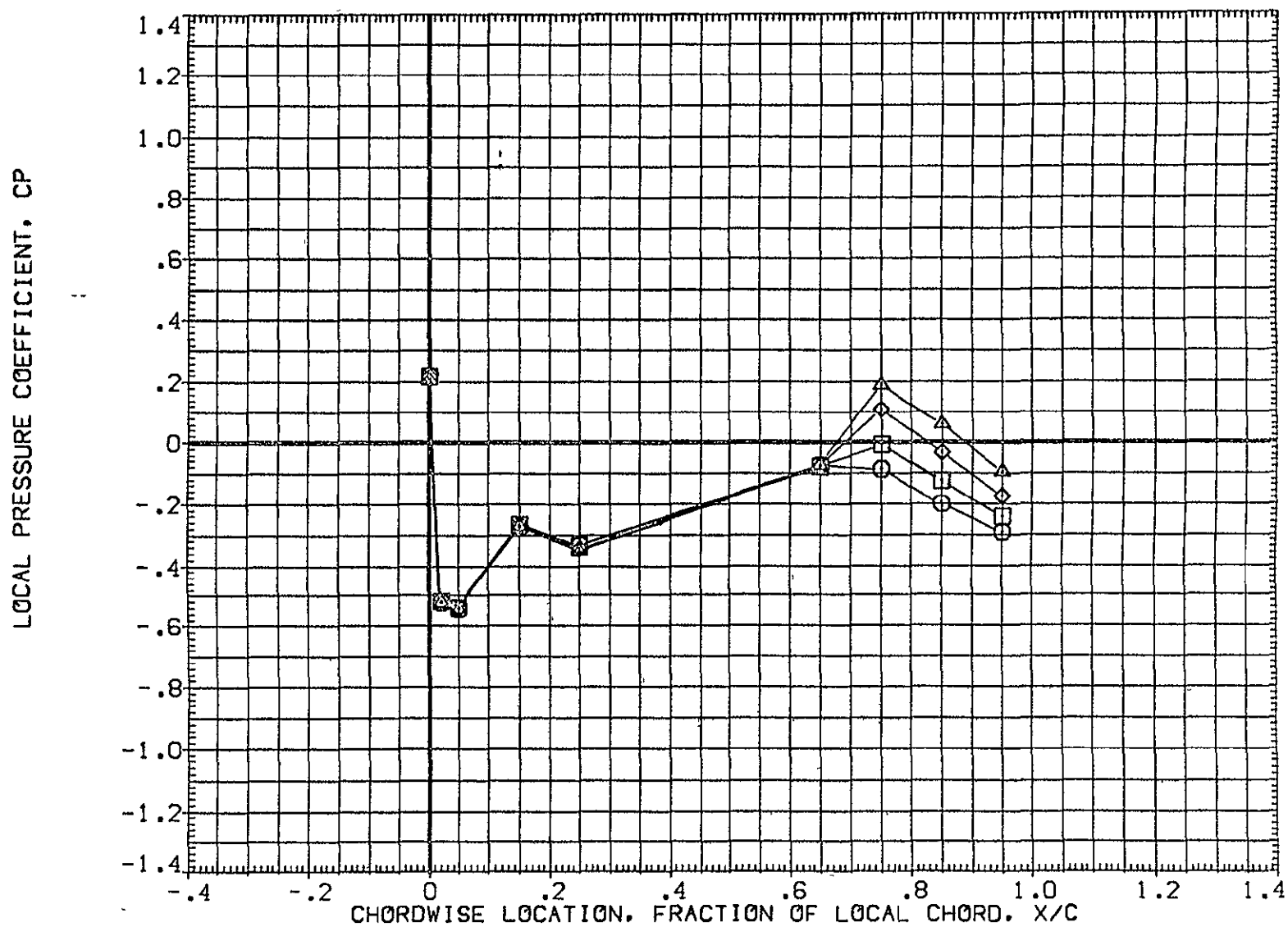


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

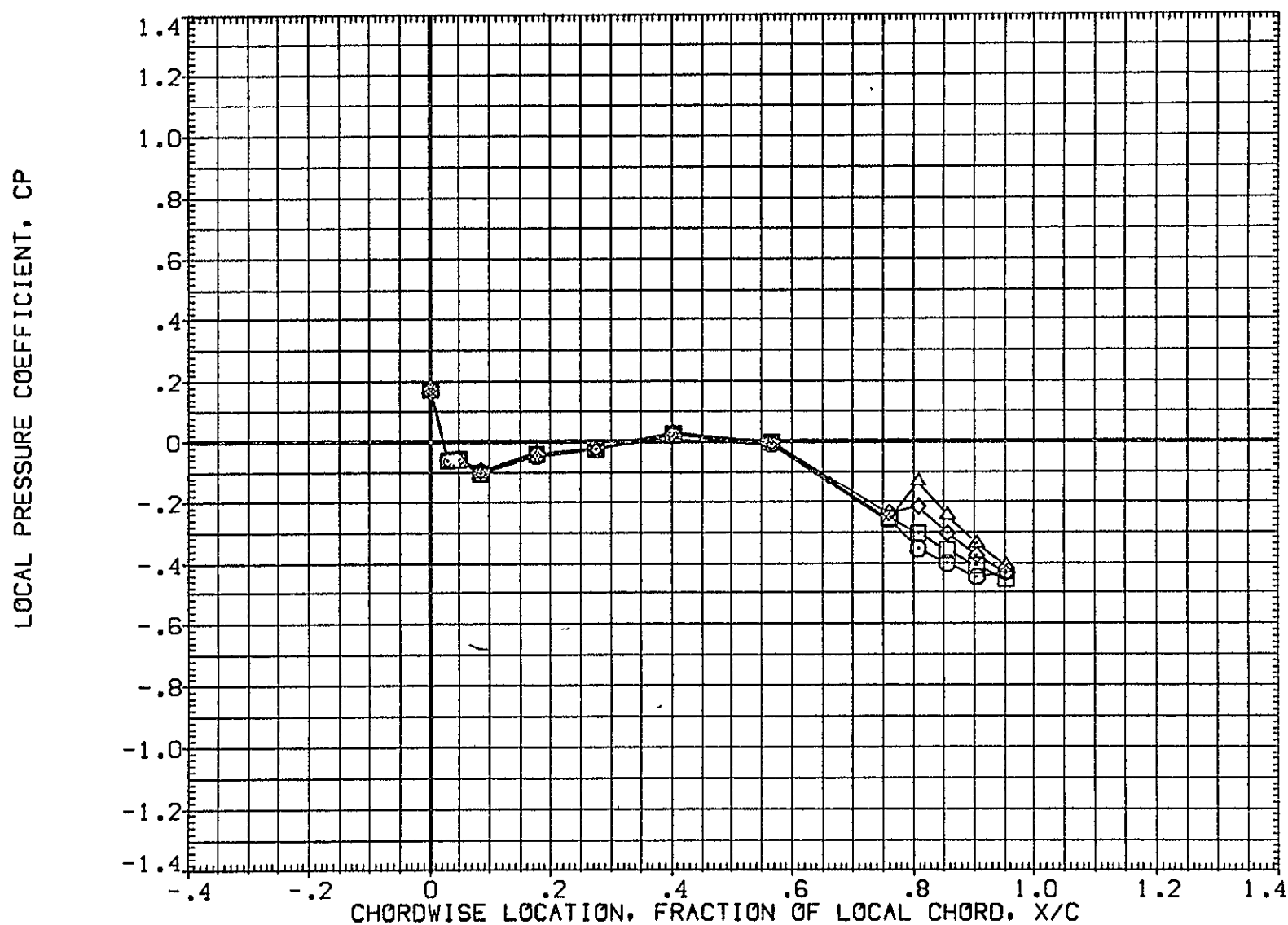


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

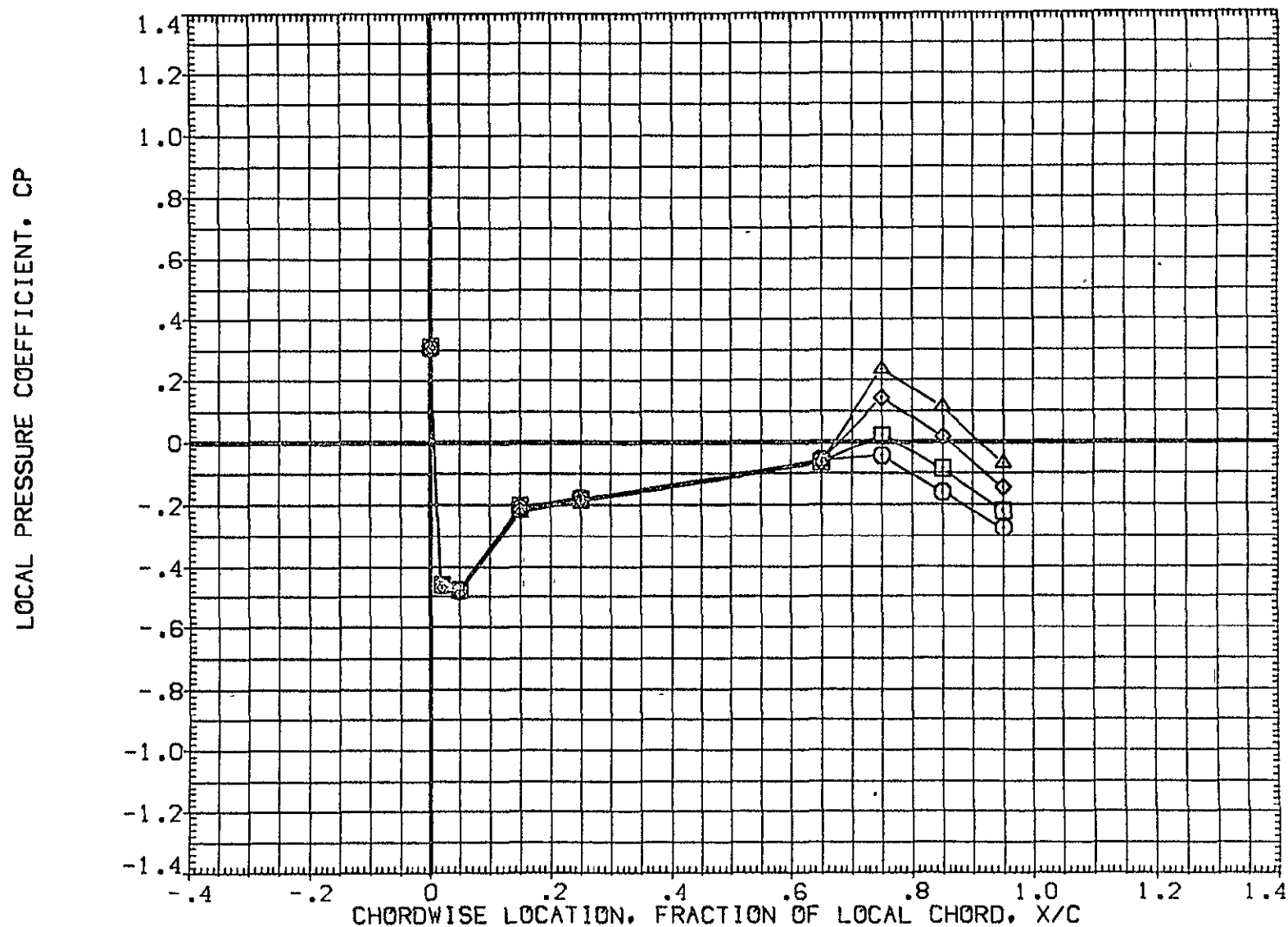


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

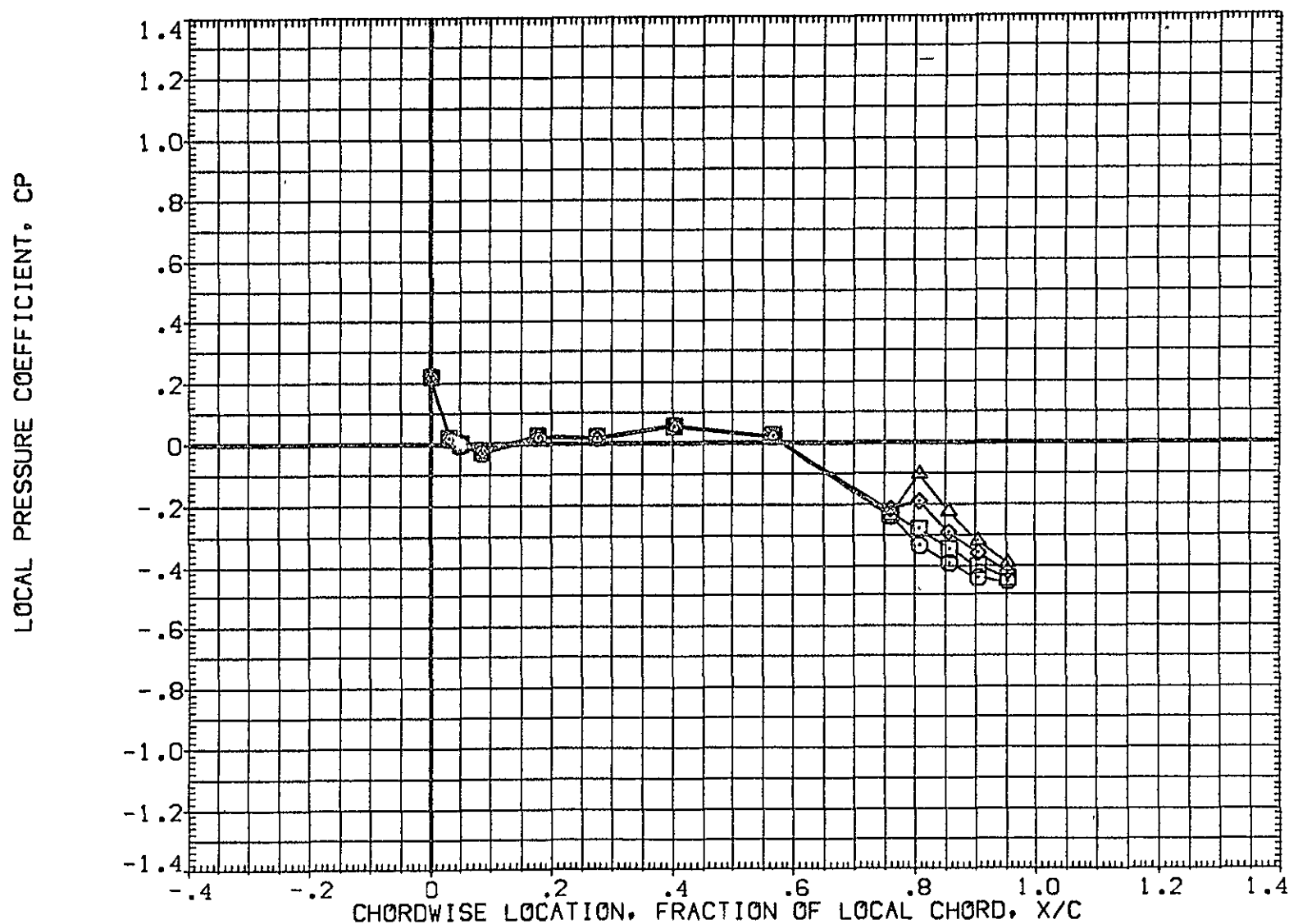


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -4$   
MACH = 1.500 ALPHA = -2.000 2Y/B = .436 PAGE 977

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

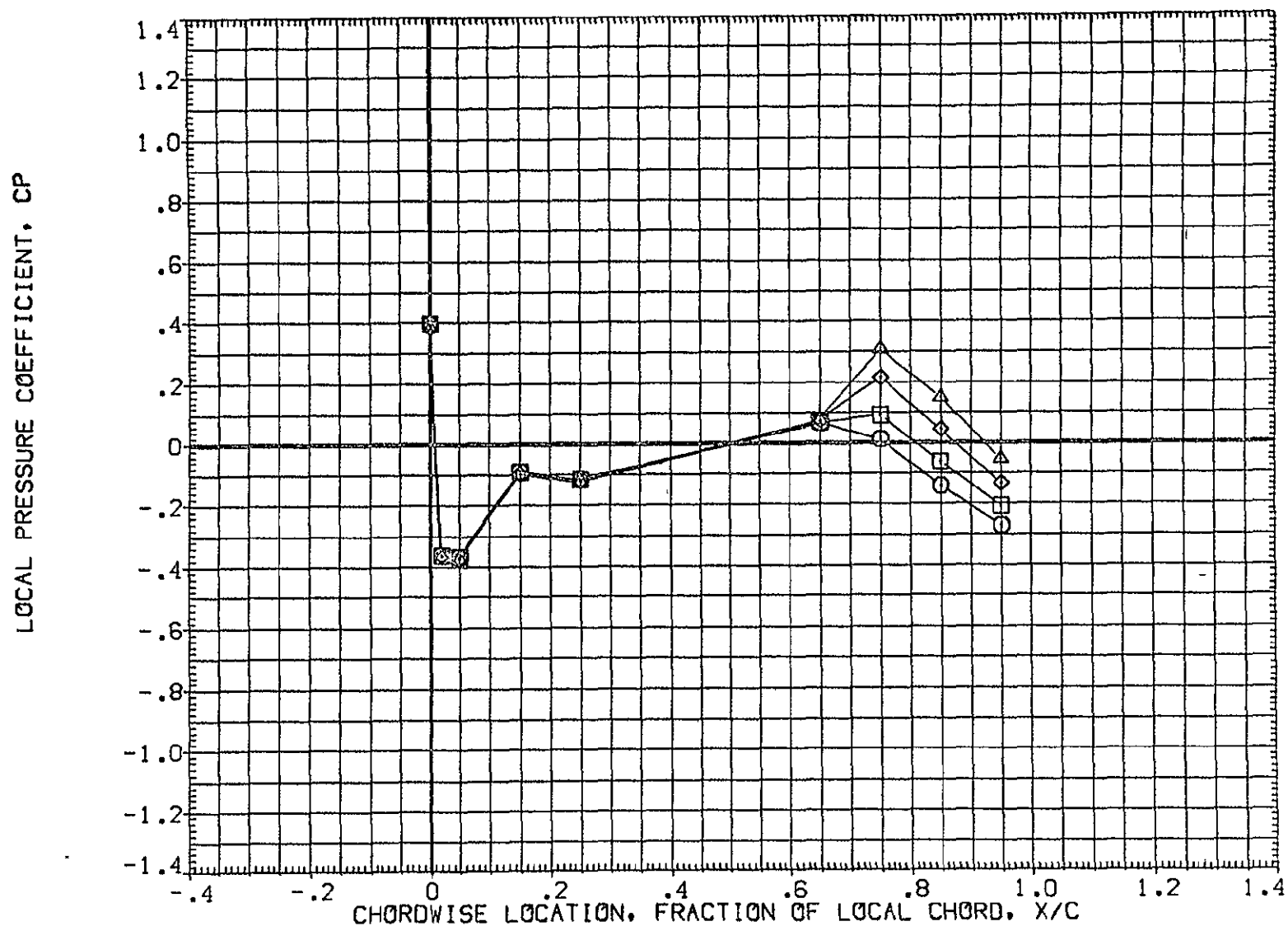


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -2.000 2Y/B = .771 PAGE 978

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

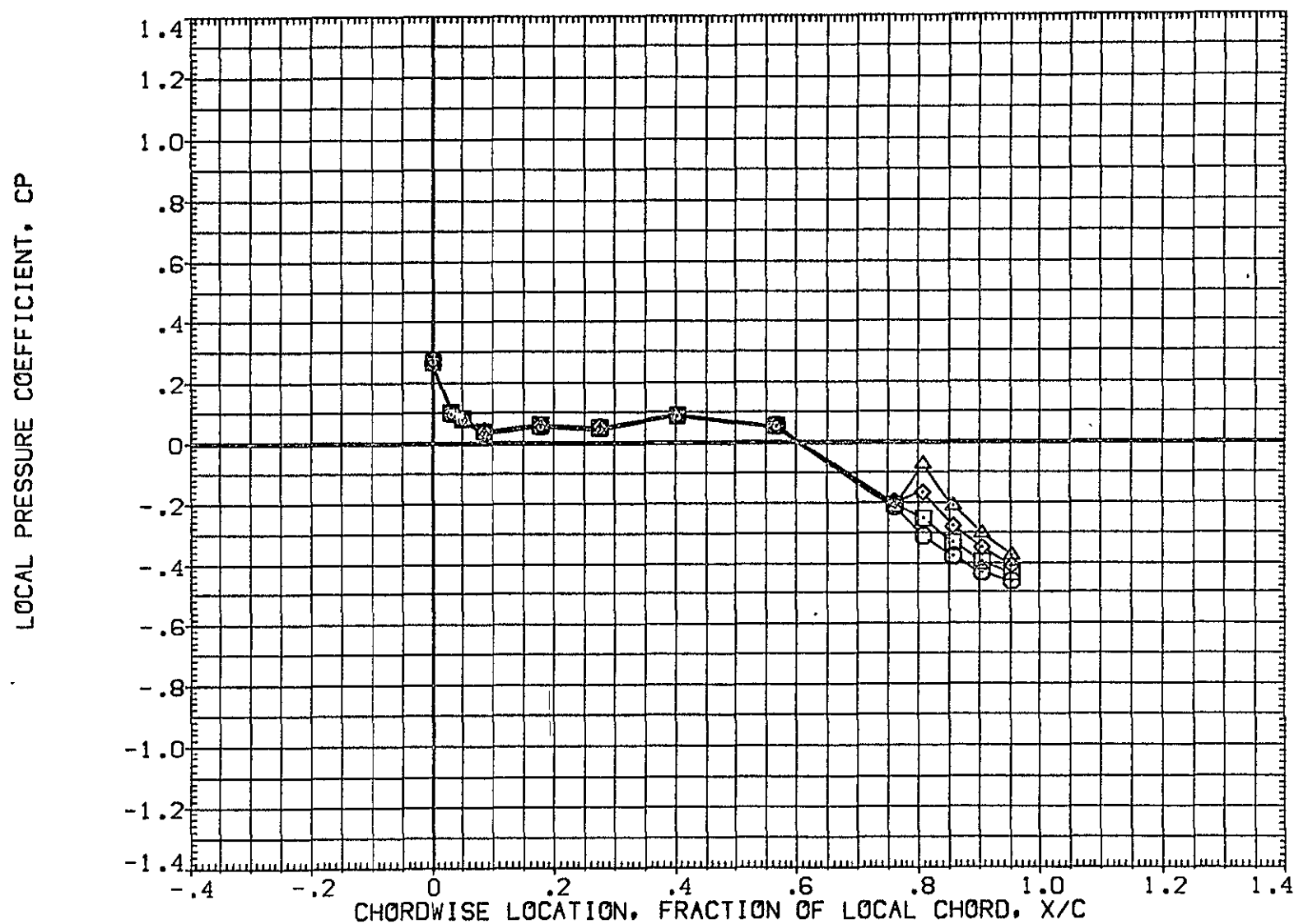


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

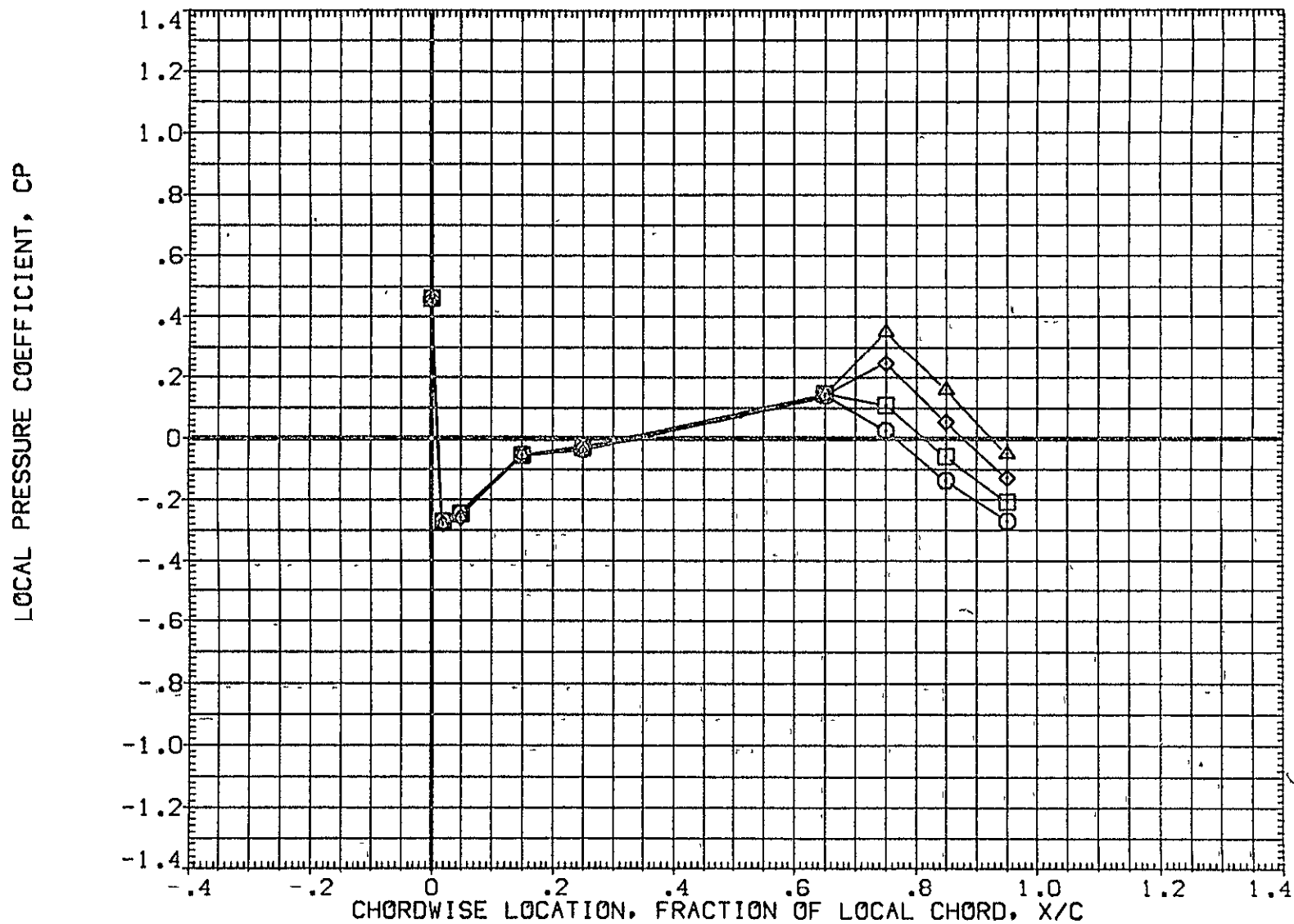


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = .000 2Y/B = .771 PAGE .980

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

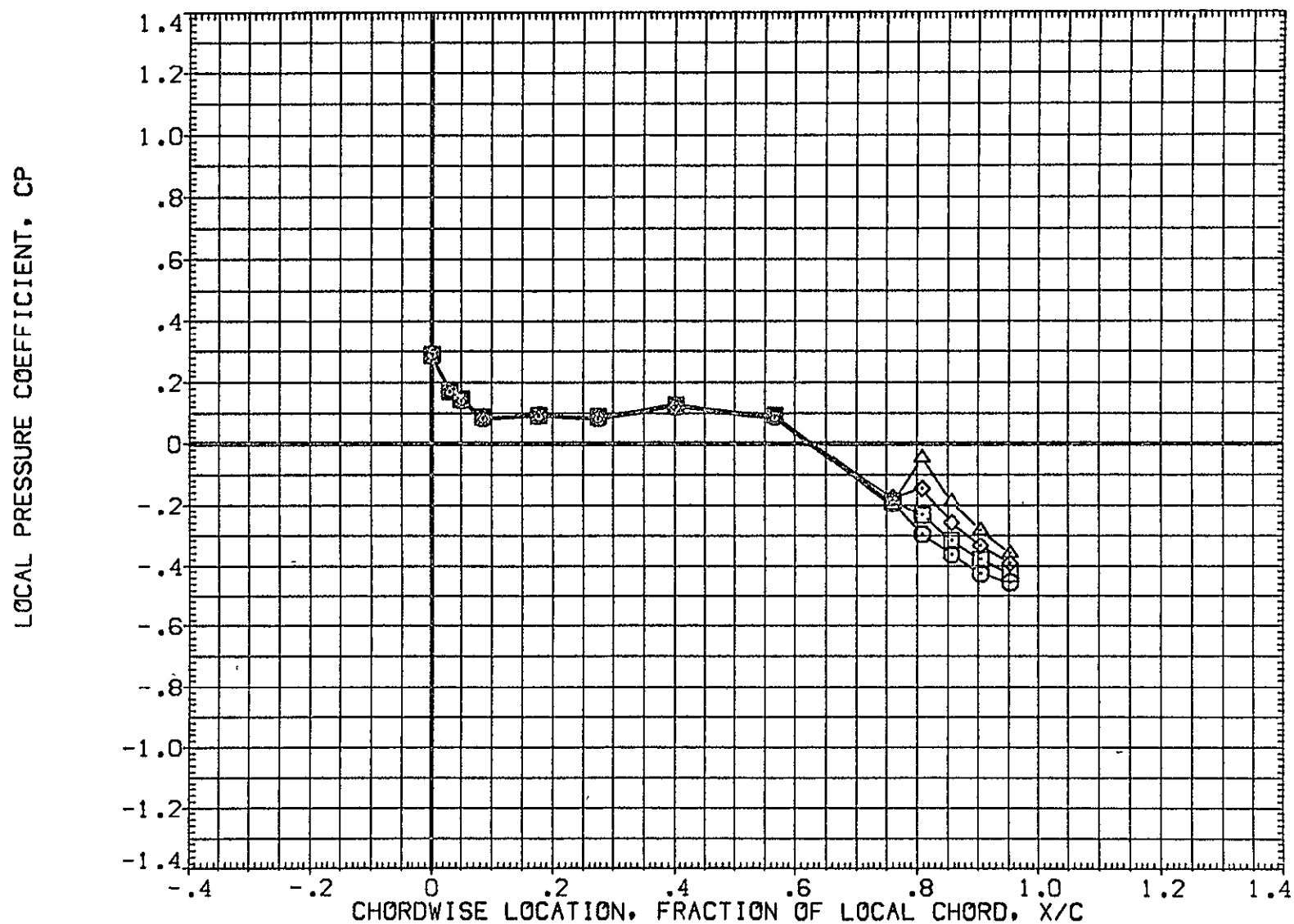


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

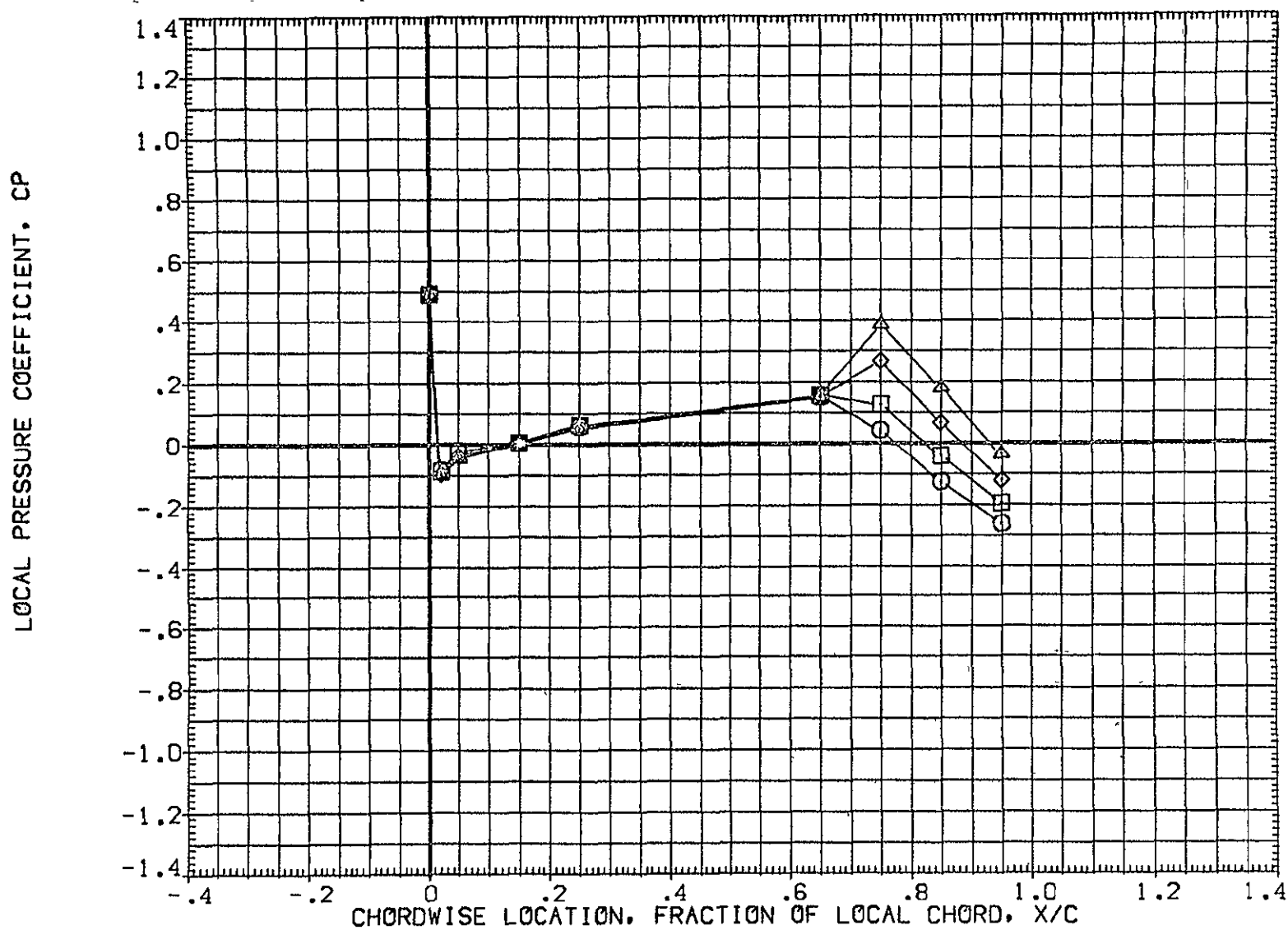


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 2.000 2Y/B = .771 PAGE 982

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

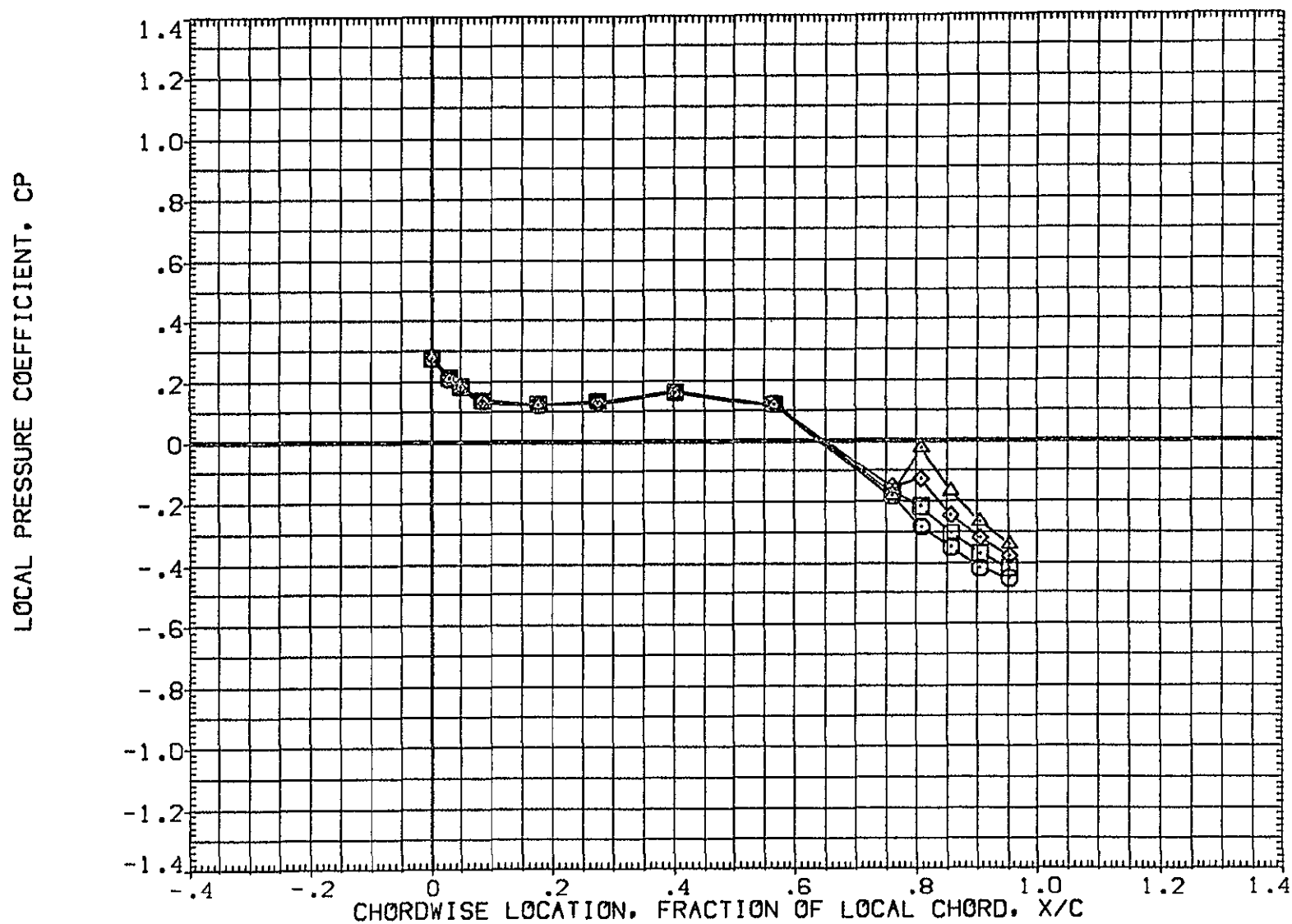


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 4.000 2Y/B = .436



DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	□	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	□	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	◇	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	△	1A70	01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

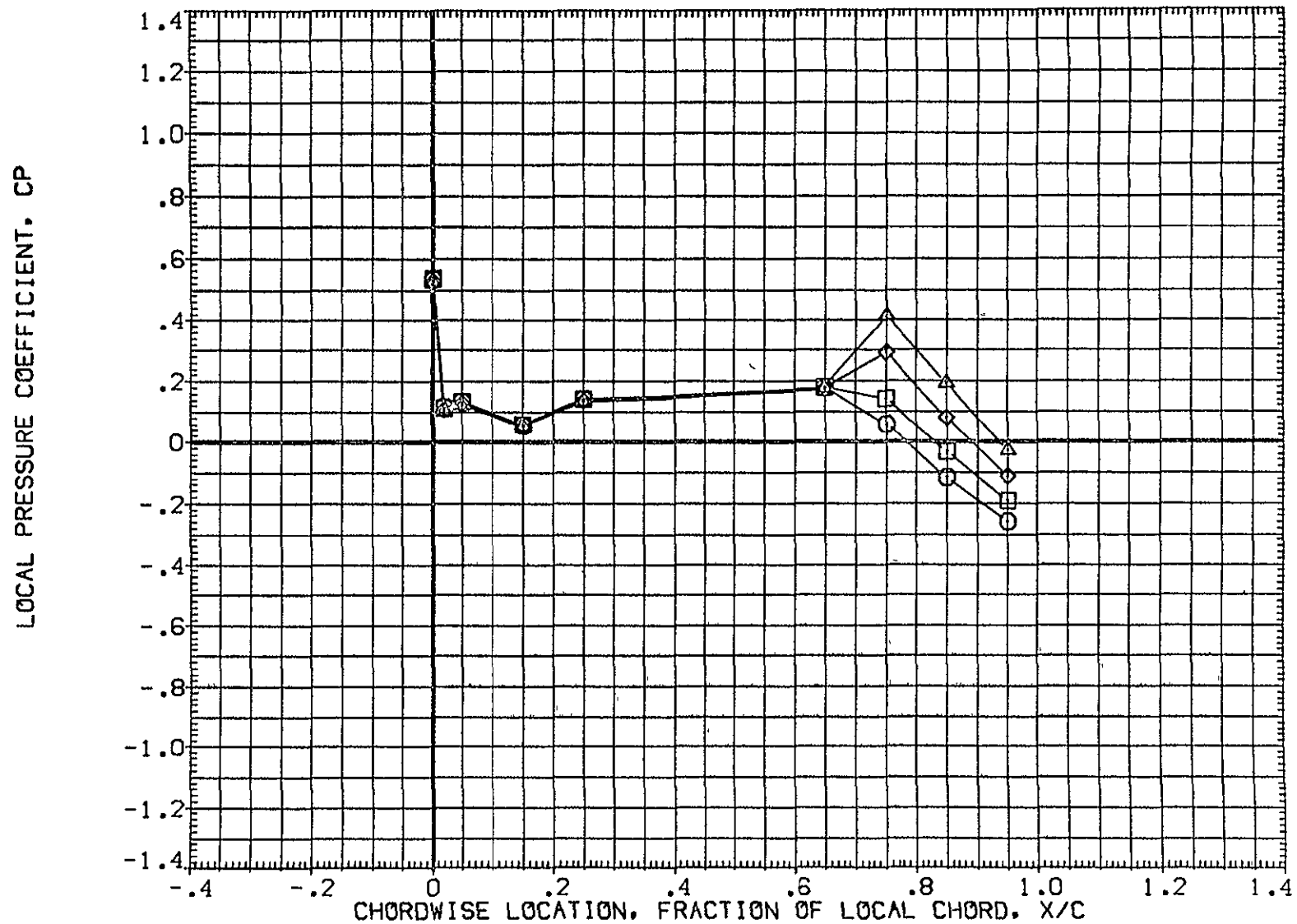


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .771 PAGE 984

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L46}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L51}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L56}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L61}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

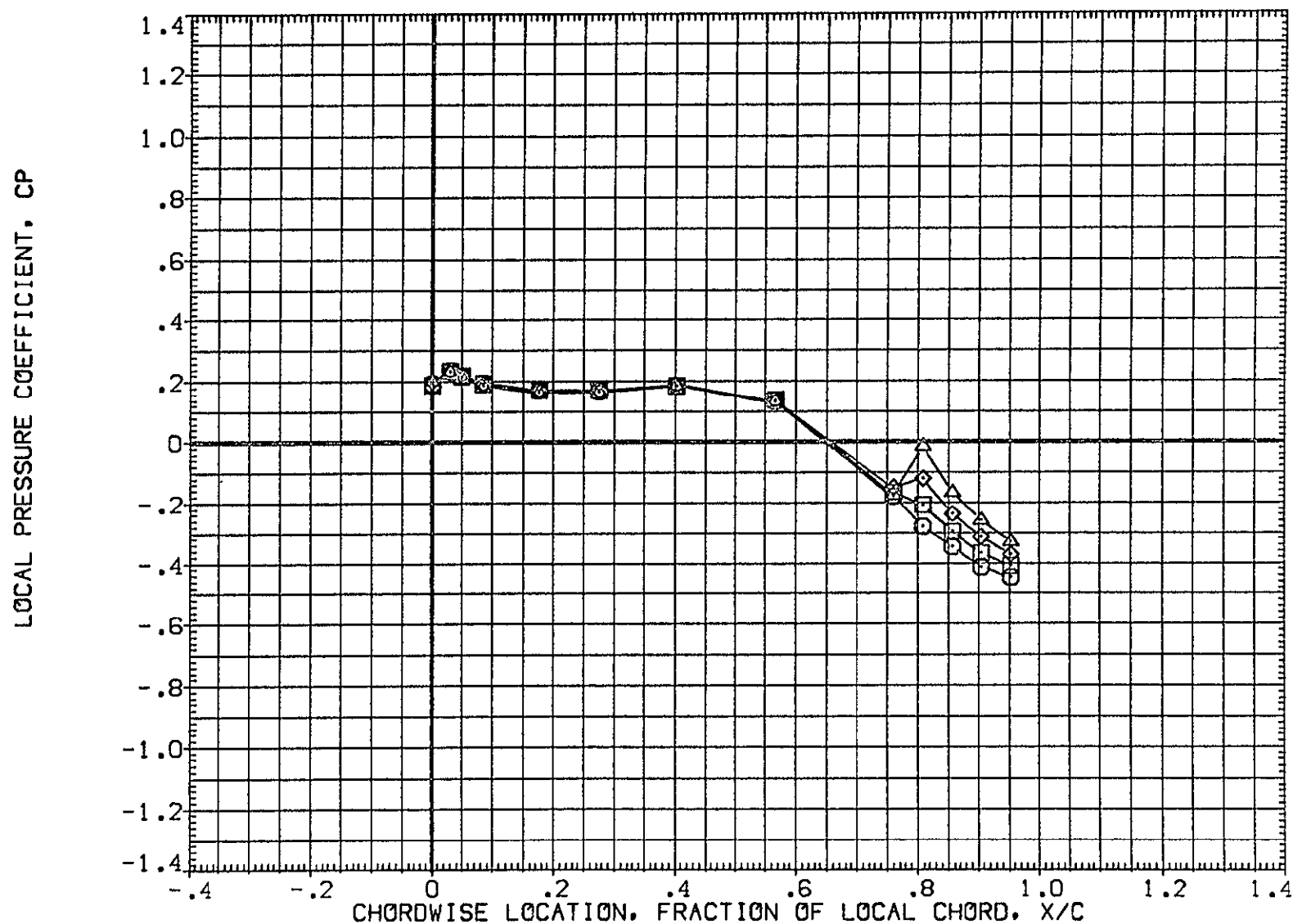


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 6.000 2Y/B = .436 PAGE 985

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

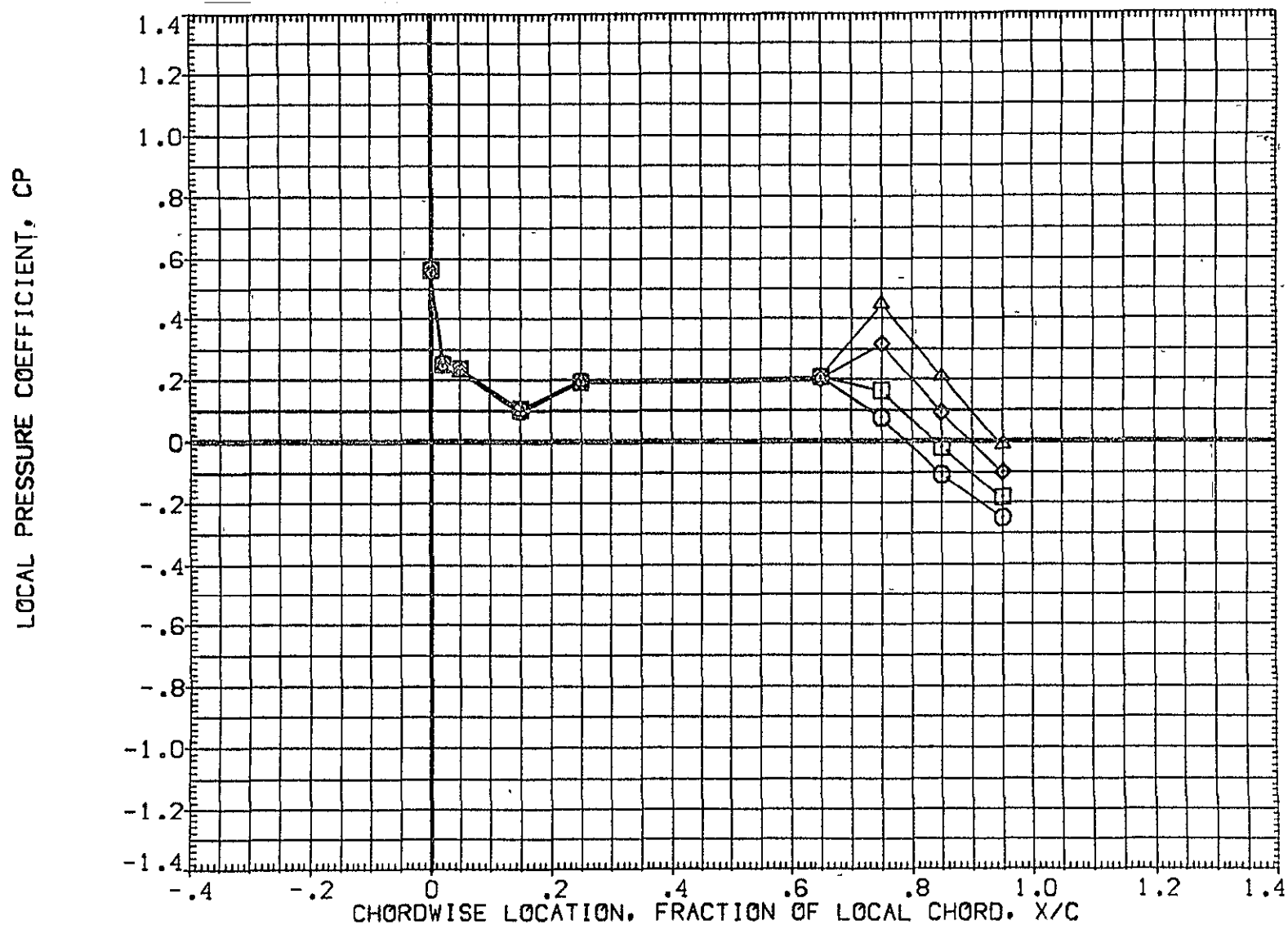


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L46]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L51]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L56]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L61]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

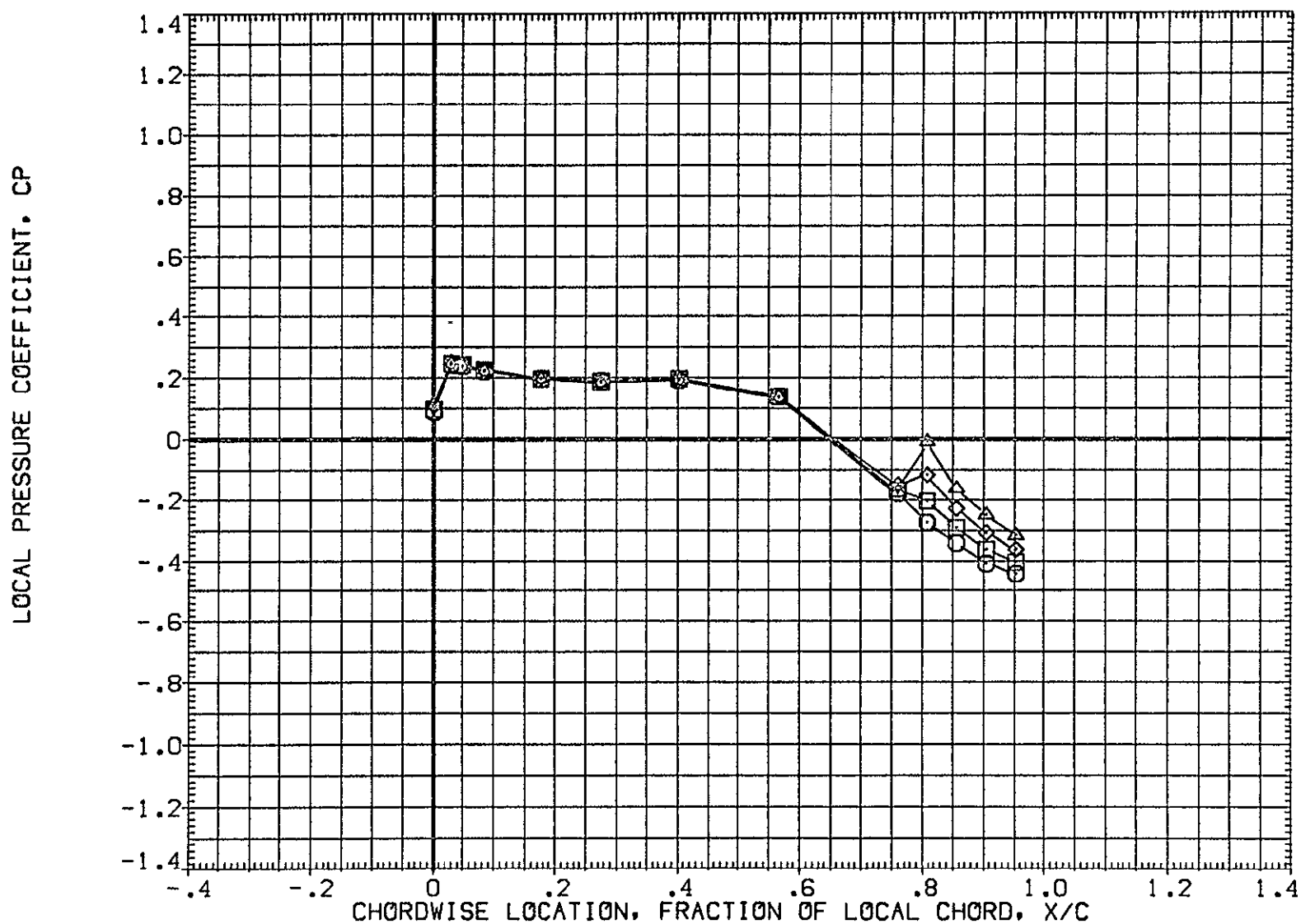


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 8.000 2Y/B = .436 PAGE 987

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L46)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L51)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L56)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L61)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

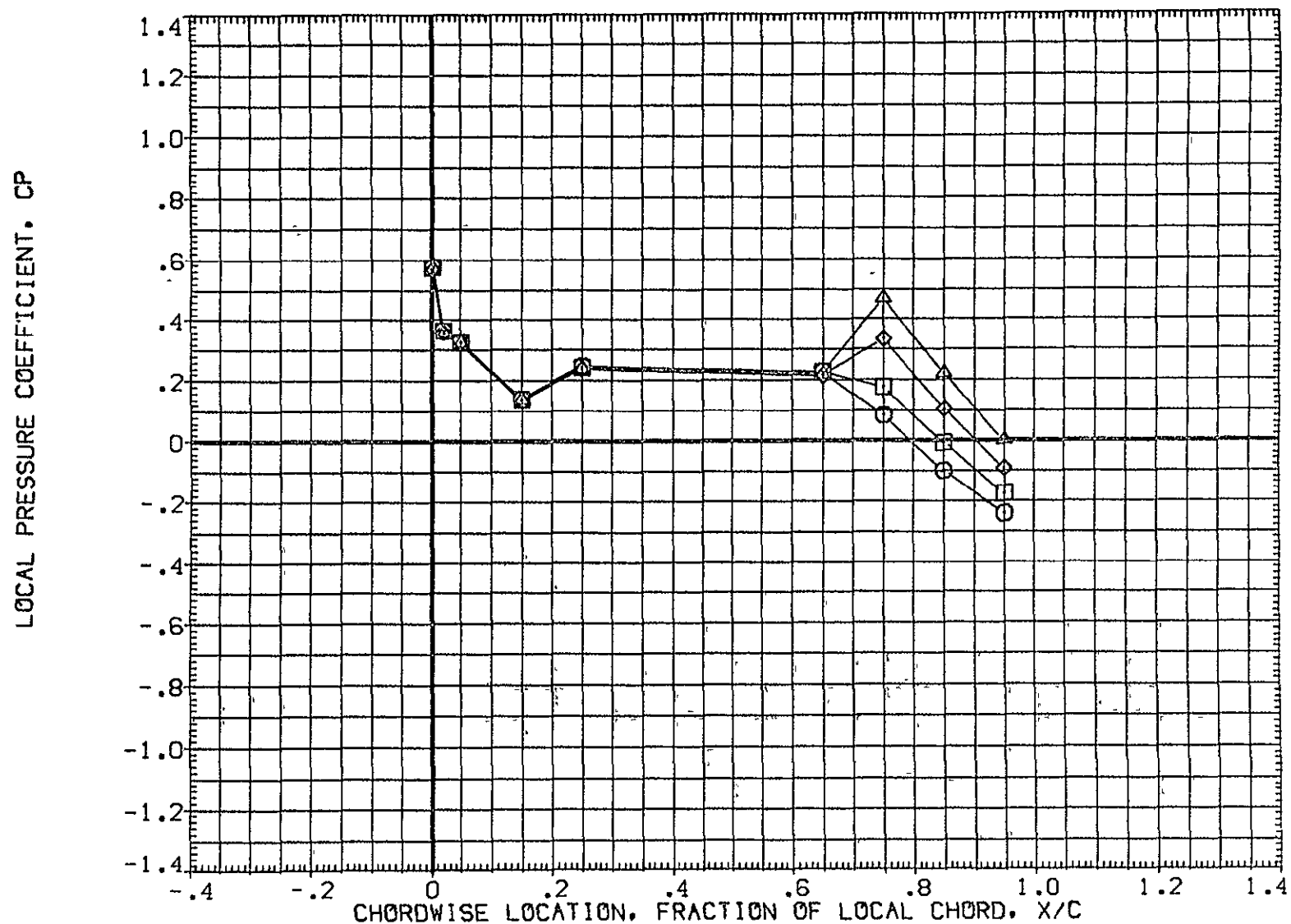


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

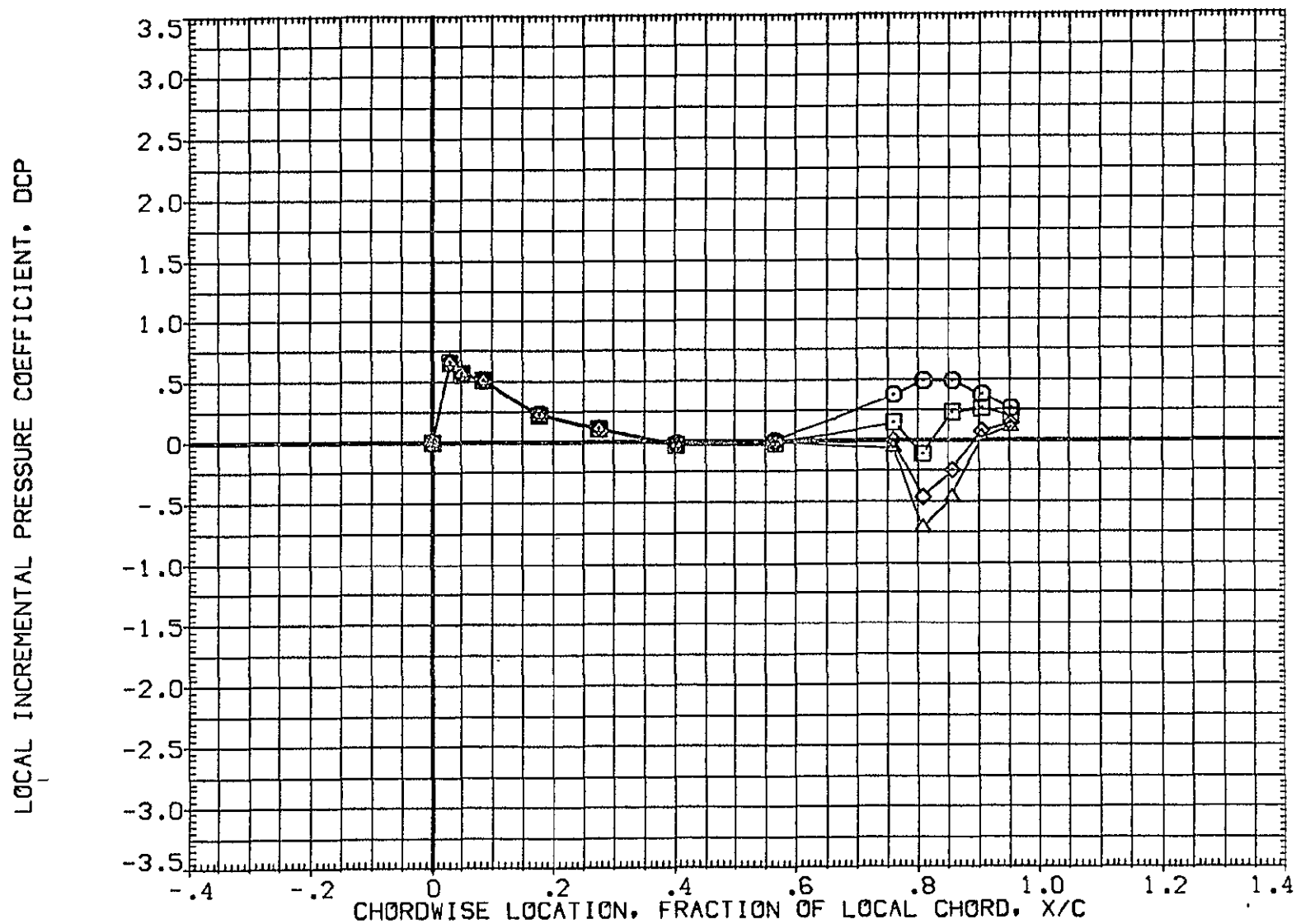


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -8.000 2Y/B = .436 PAGE 989

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

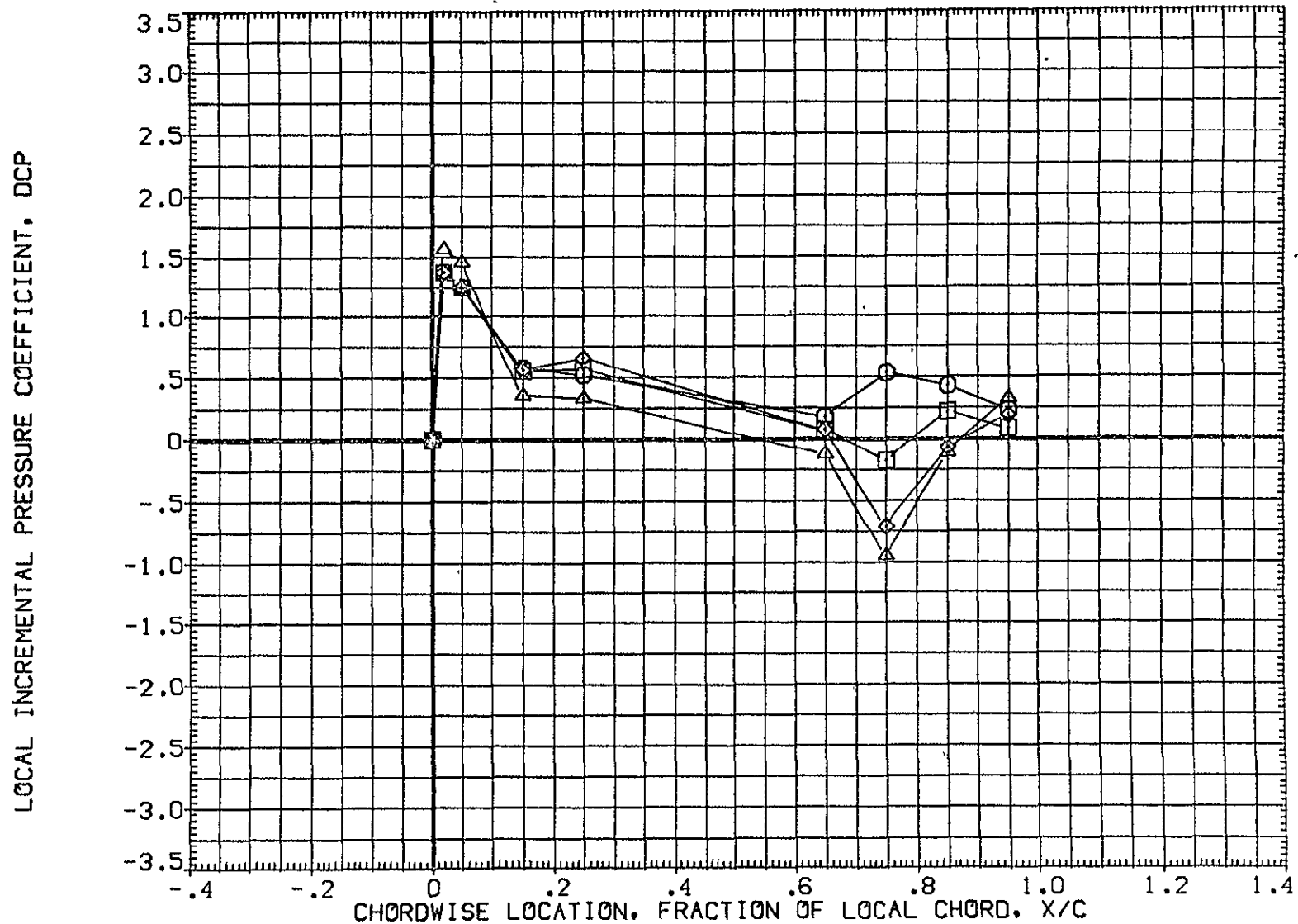


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

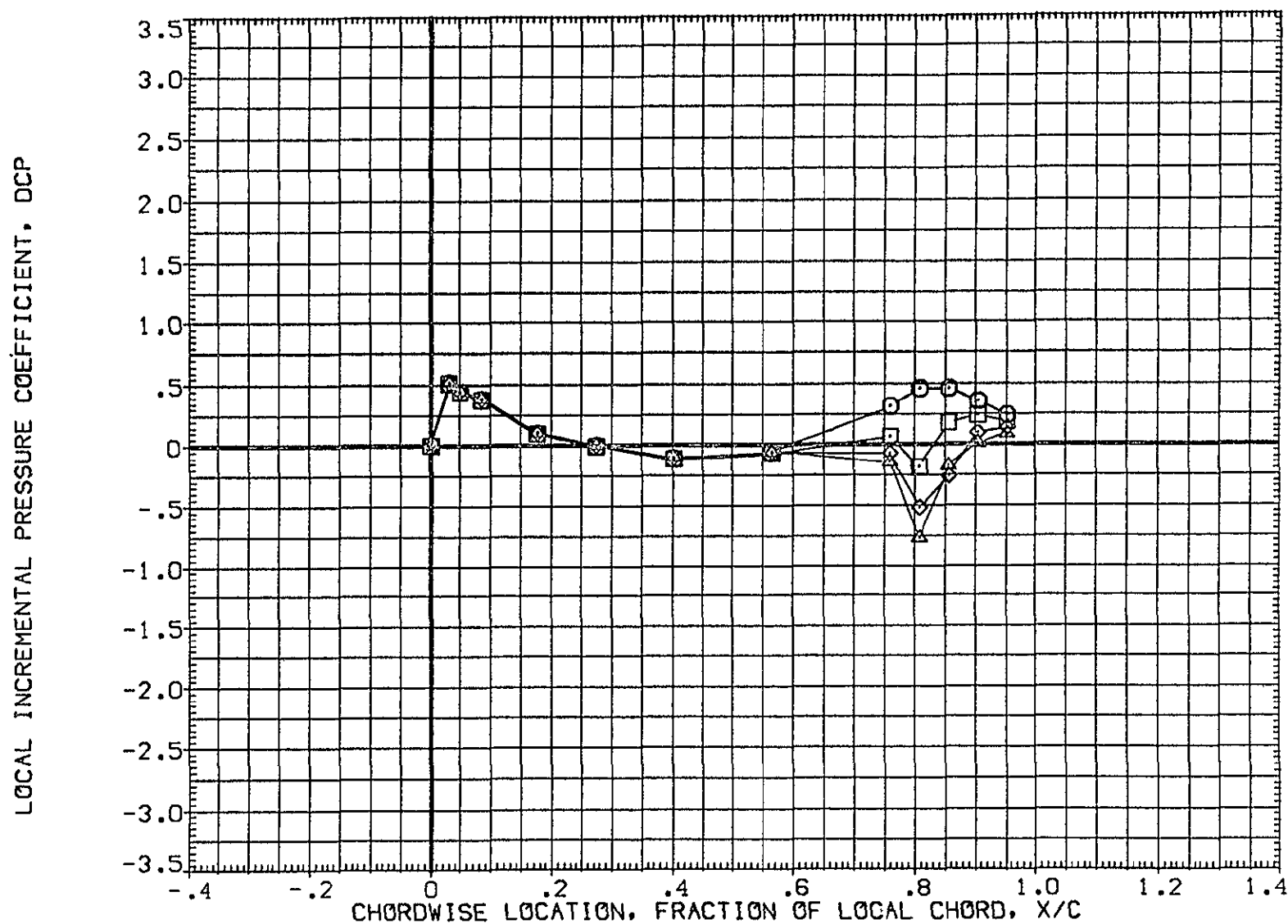


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -6.000 2Y/B = .436



DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

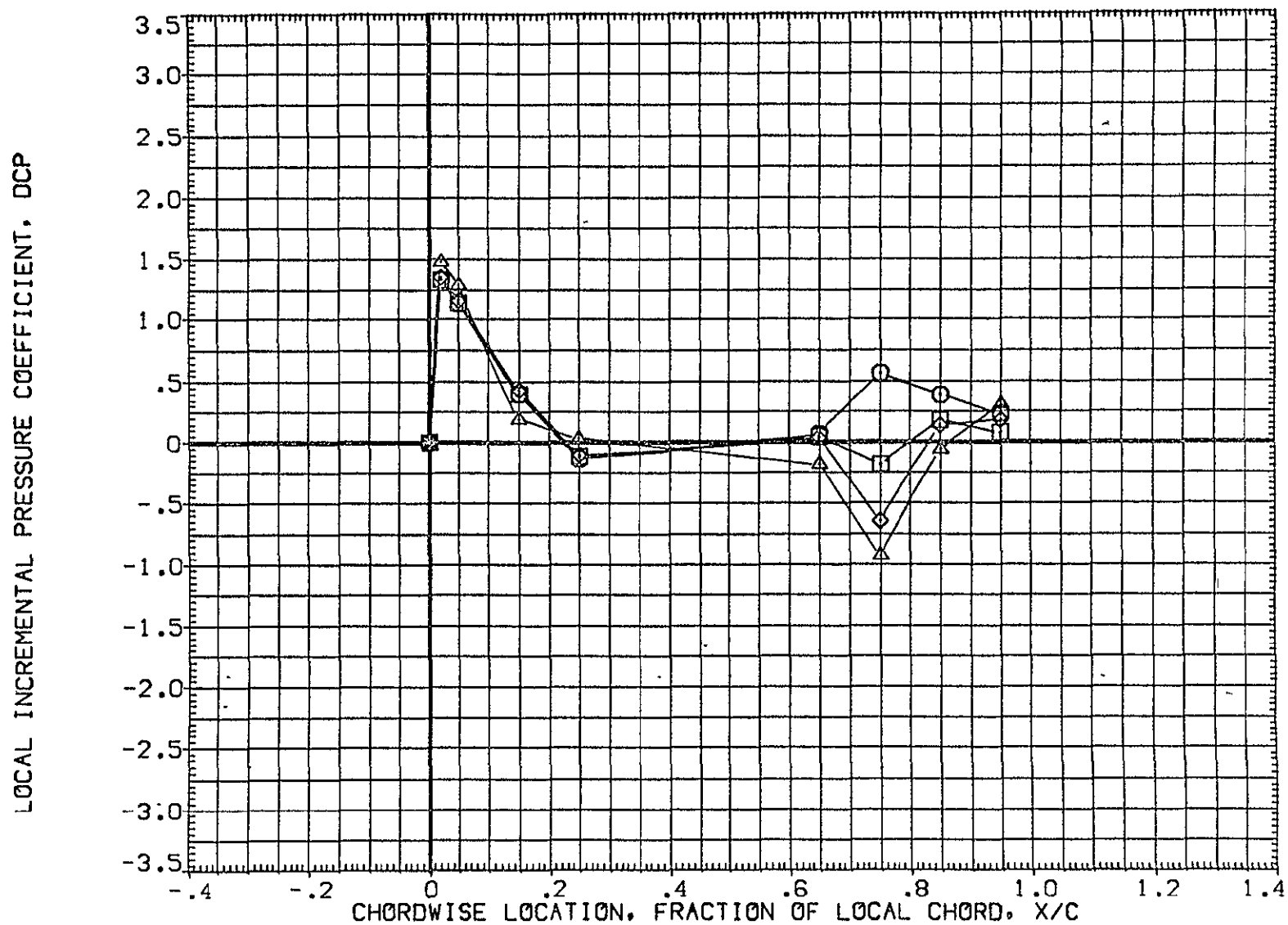


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

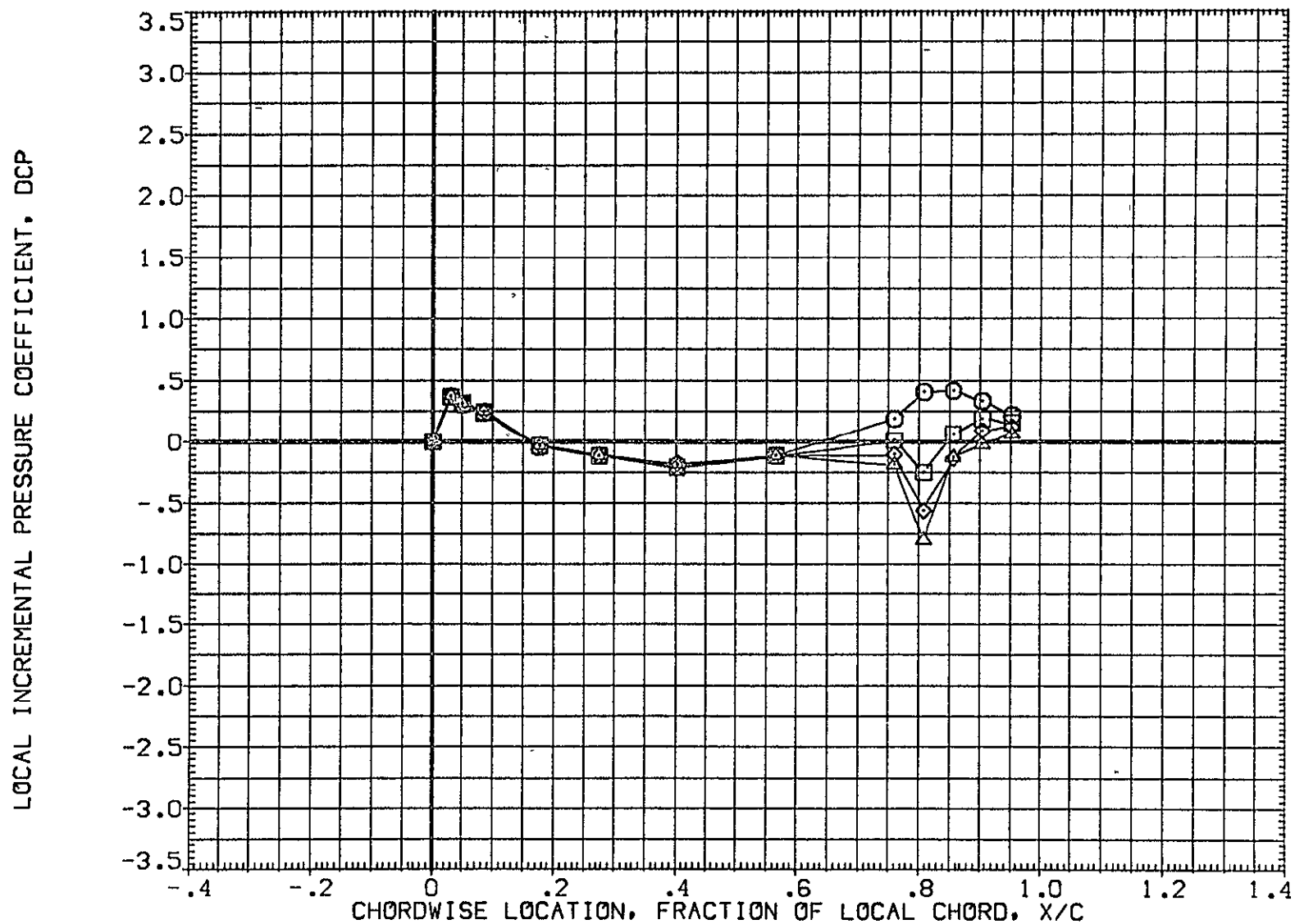


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

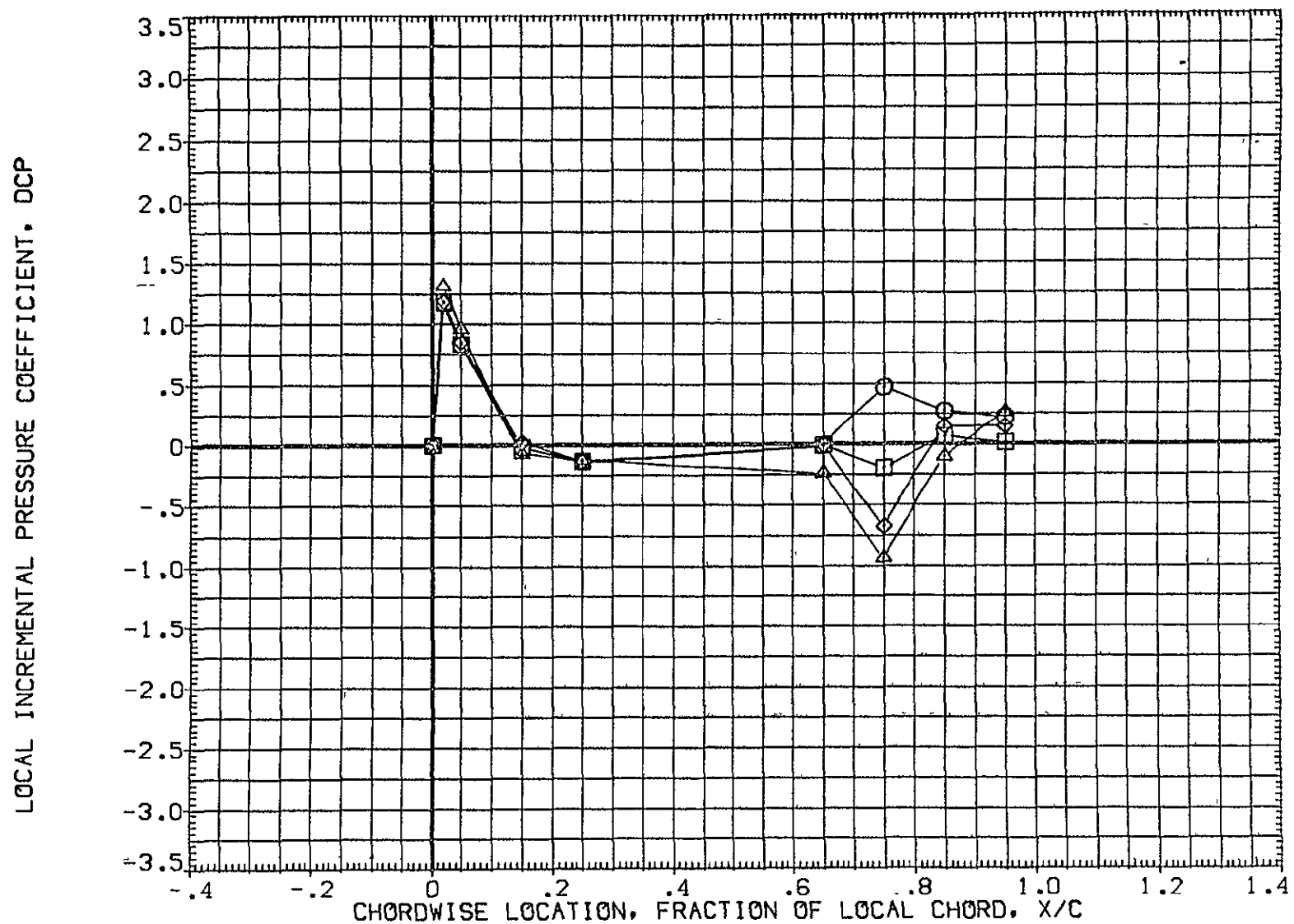


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

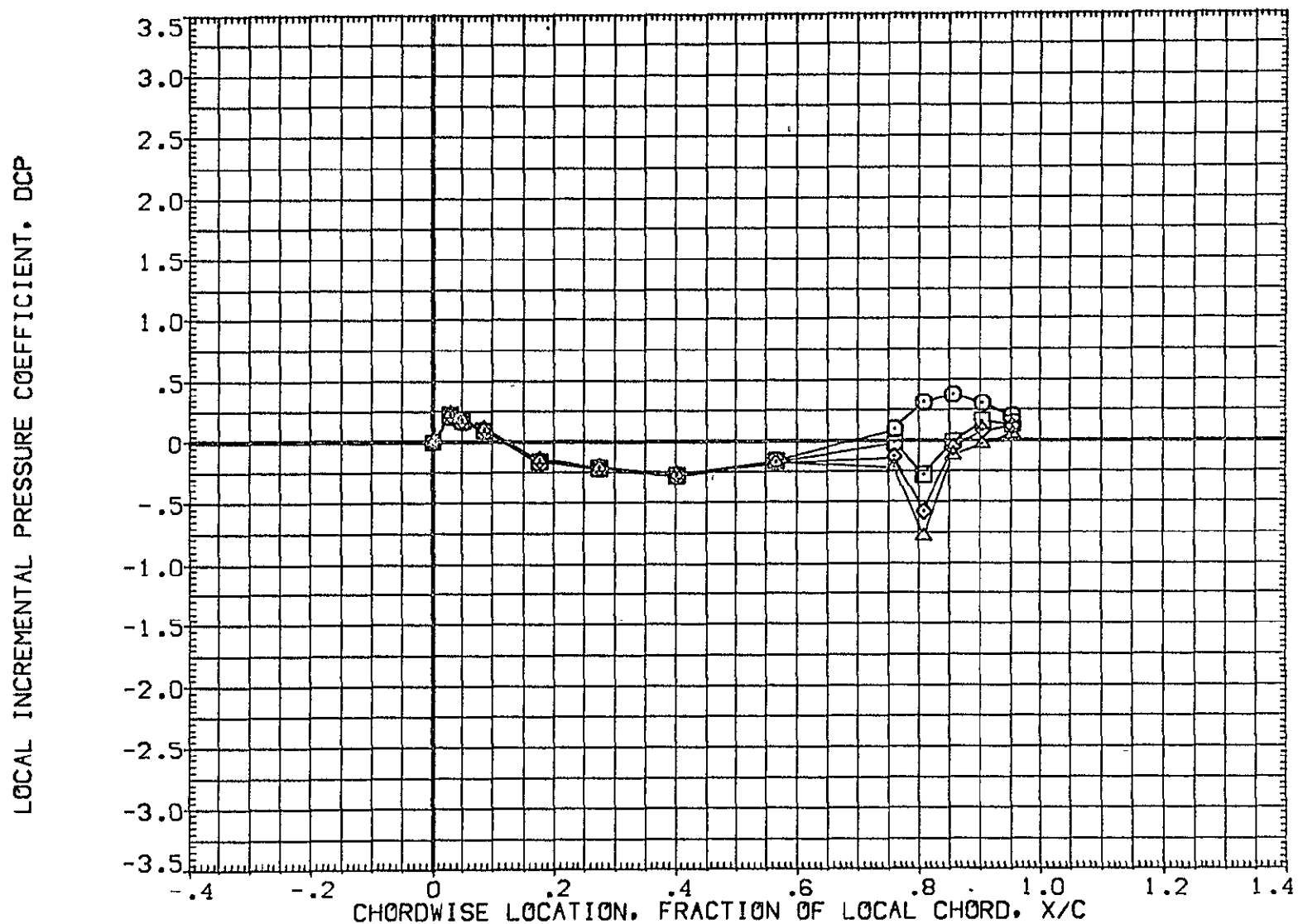


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = -2.000 2Y/B = .436 PAGE 995

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

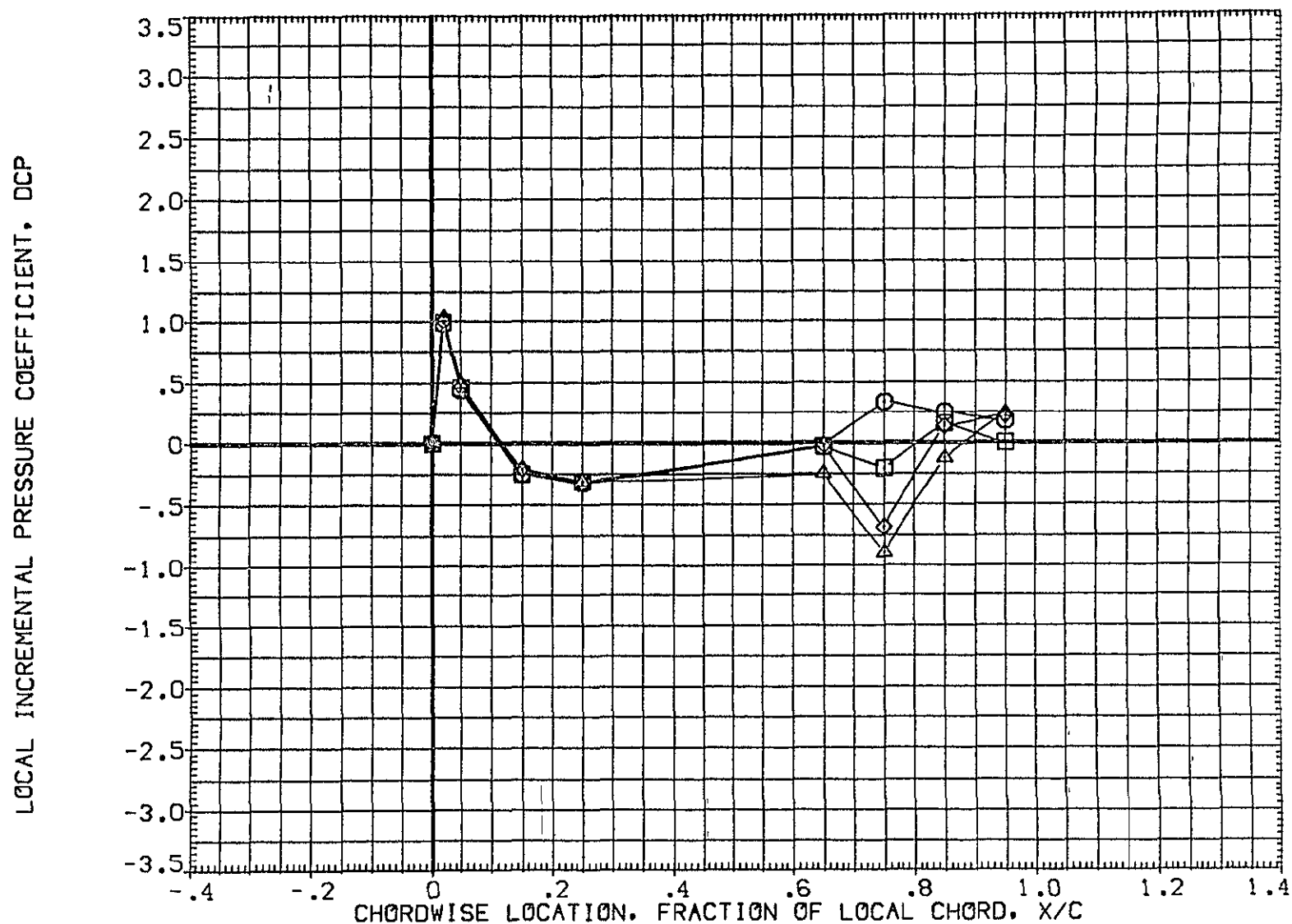


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

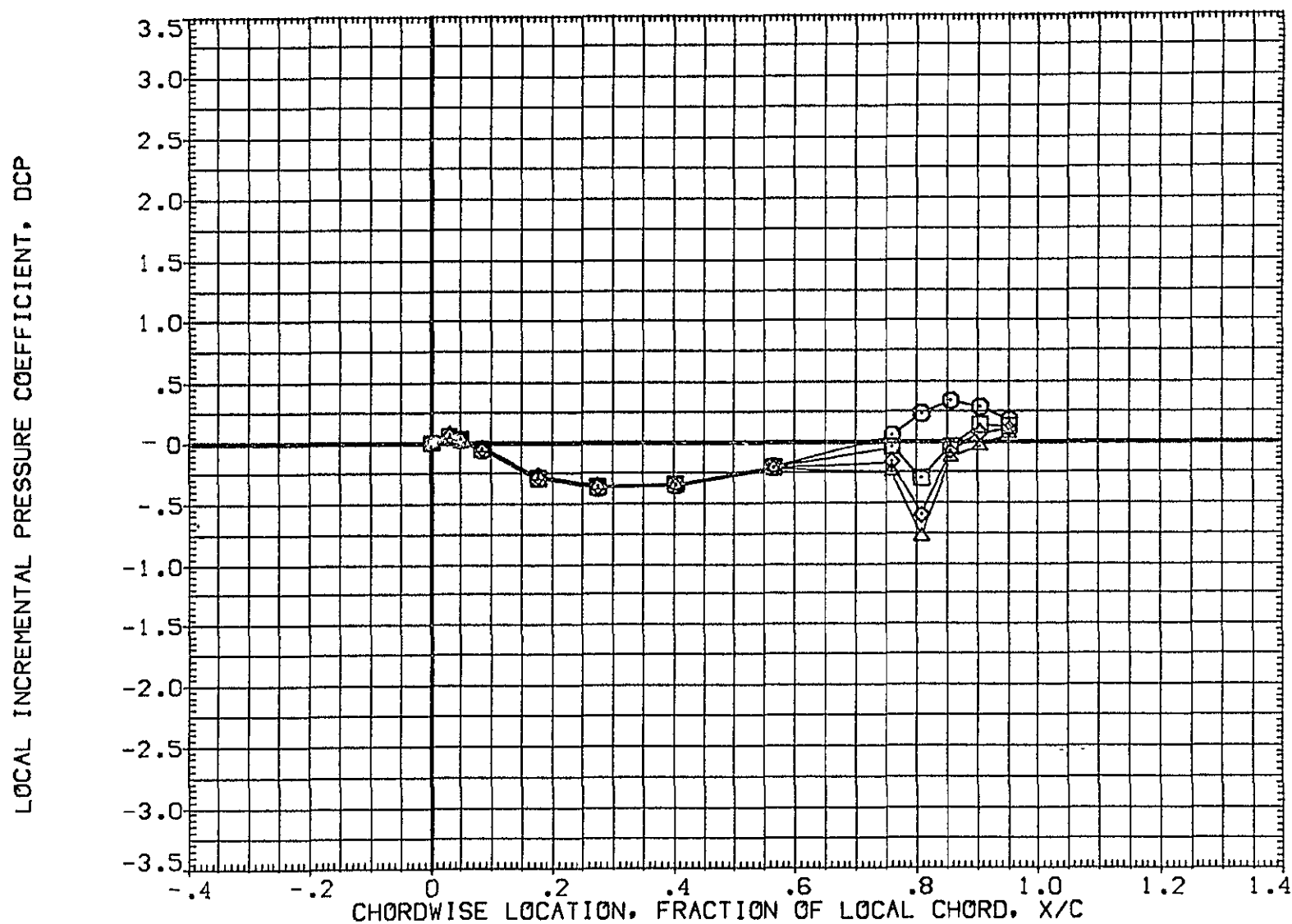


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -4$

MACH = .900 ALPHA = .000  $2Y/B = .436$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

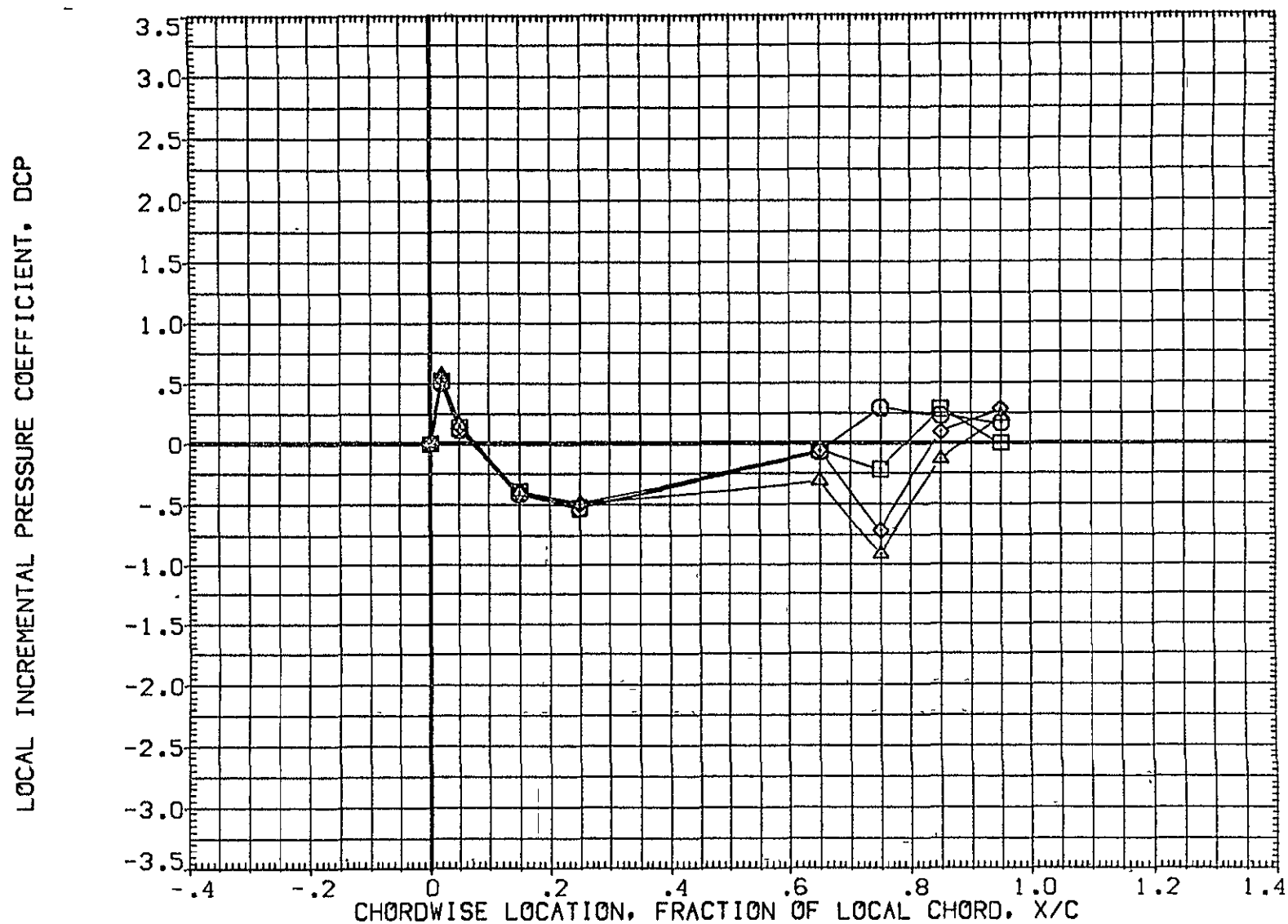


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

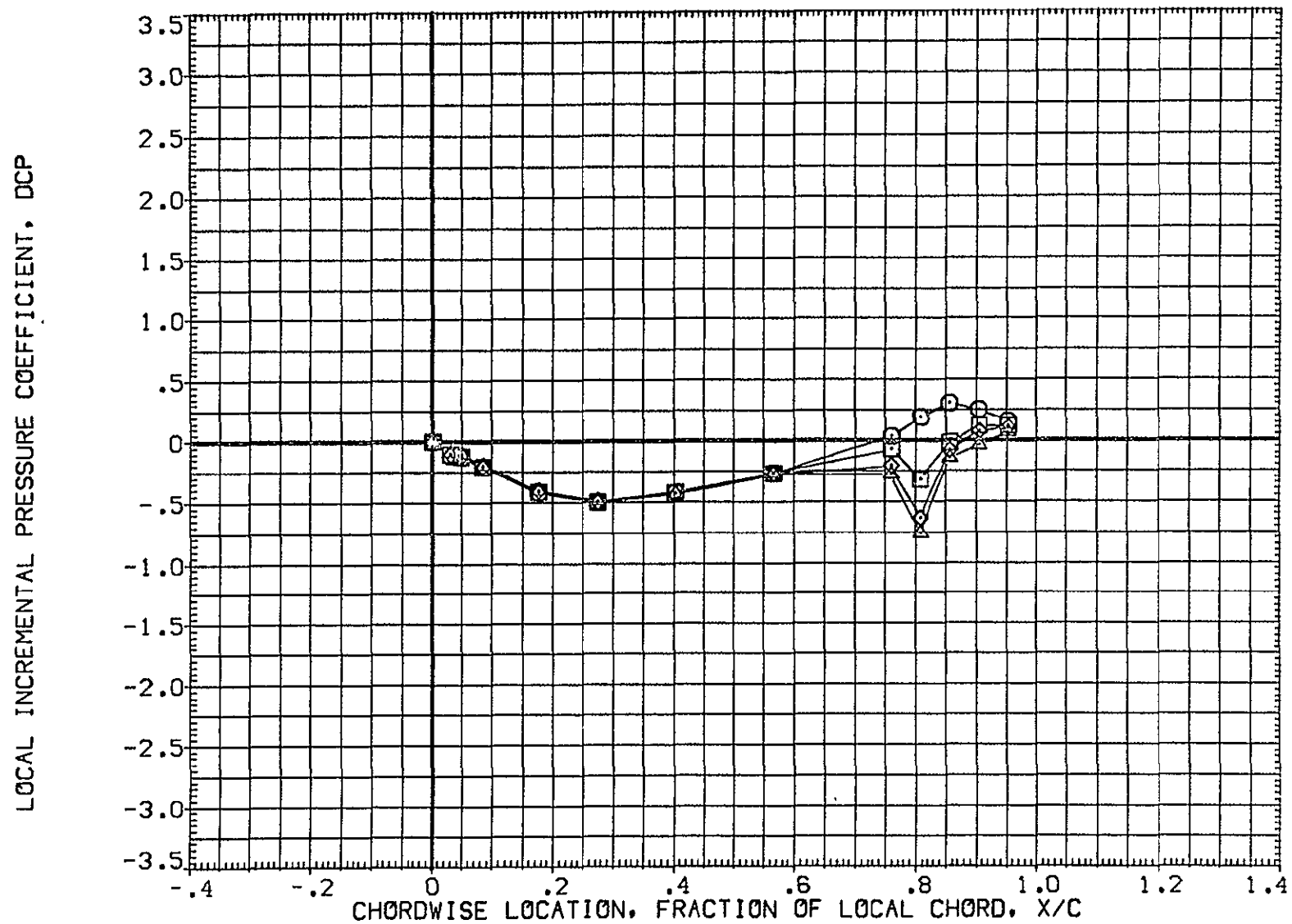


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 2.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

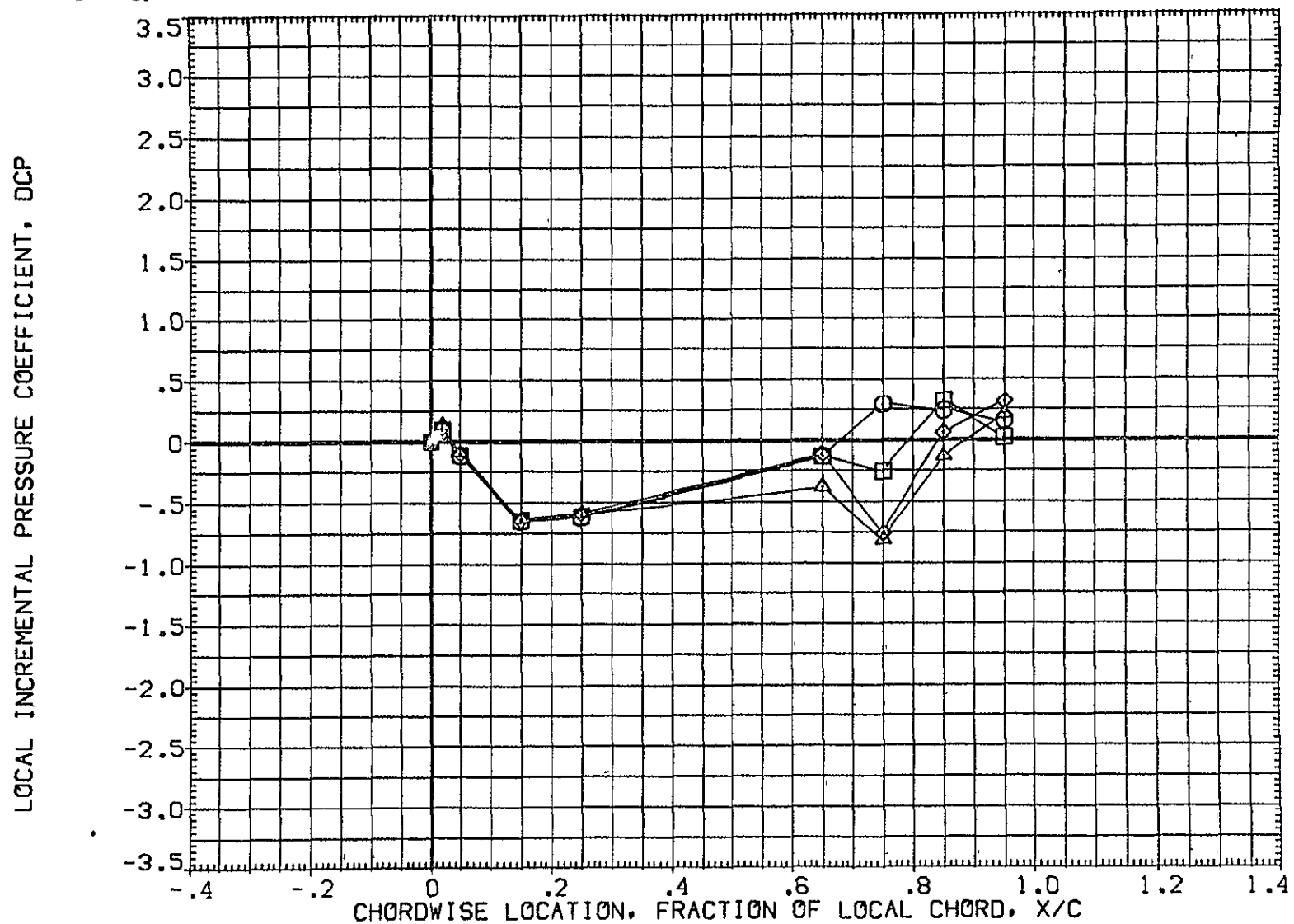


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 2.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

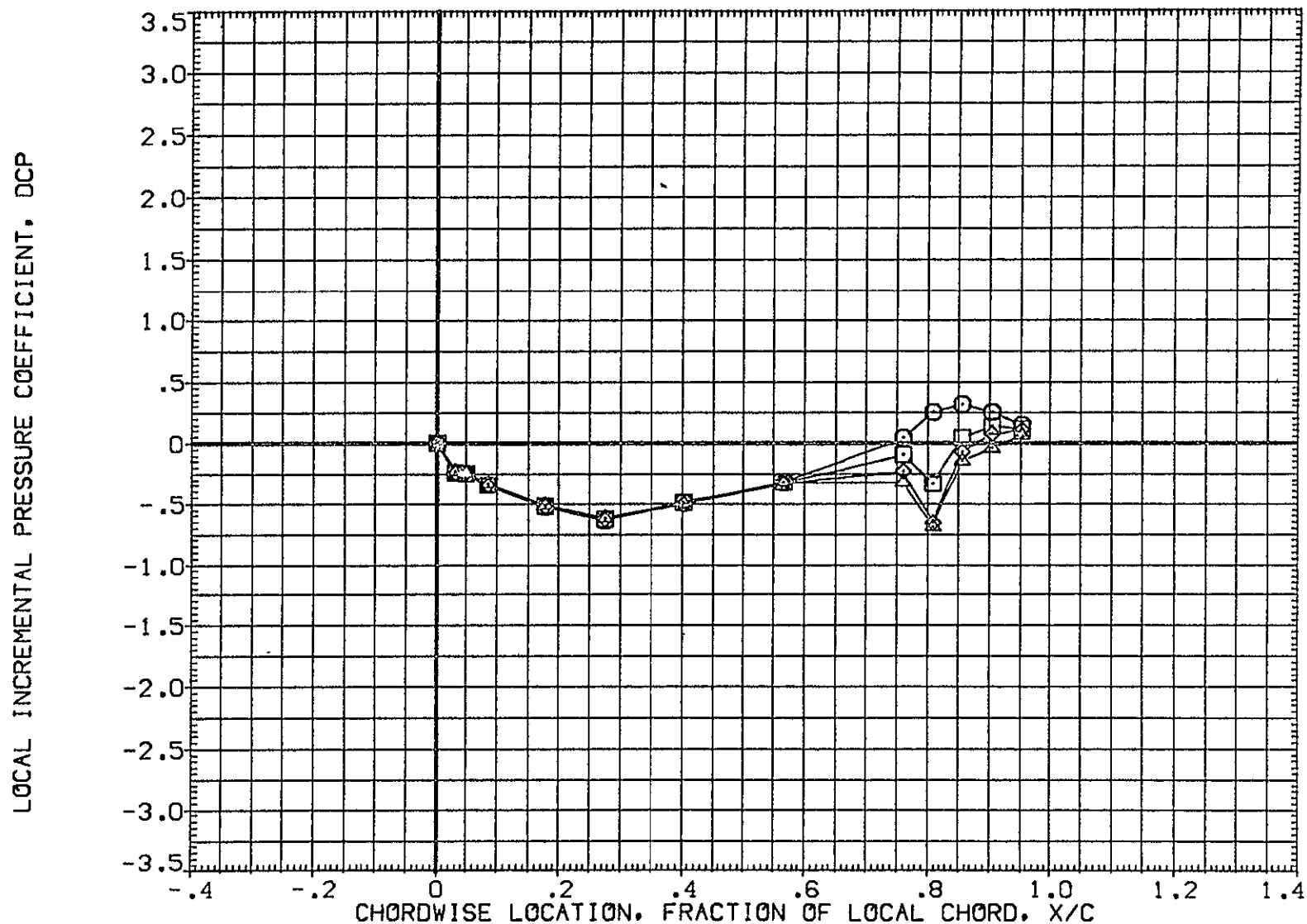


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -4$   
MACH = .900 ALPHA = 4.000  $2Y/B = .436$  PAGE 1001

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

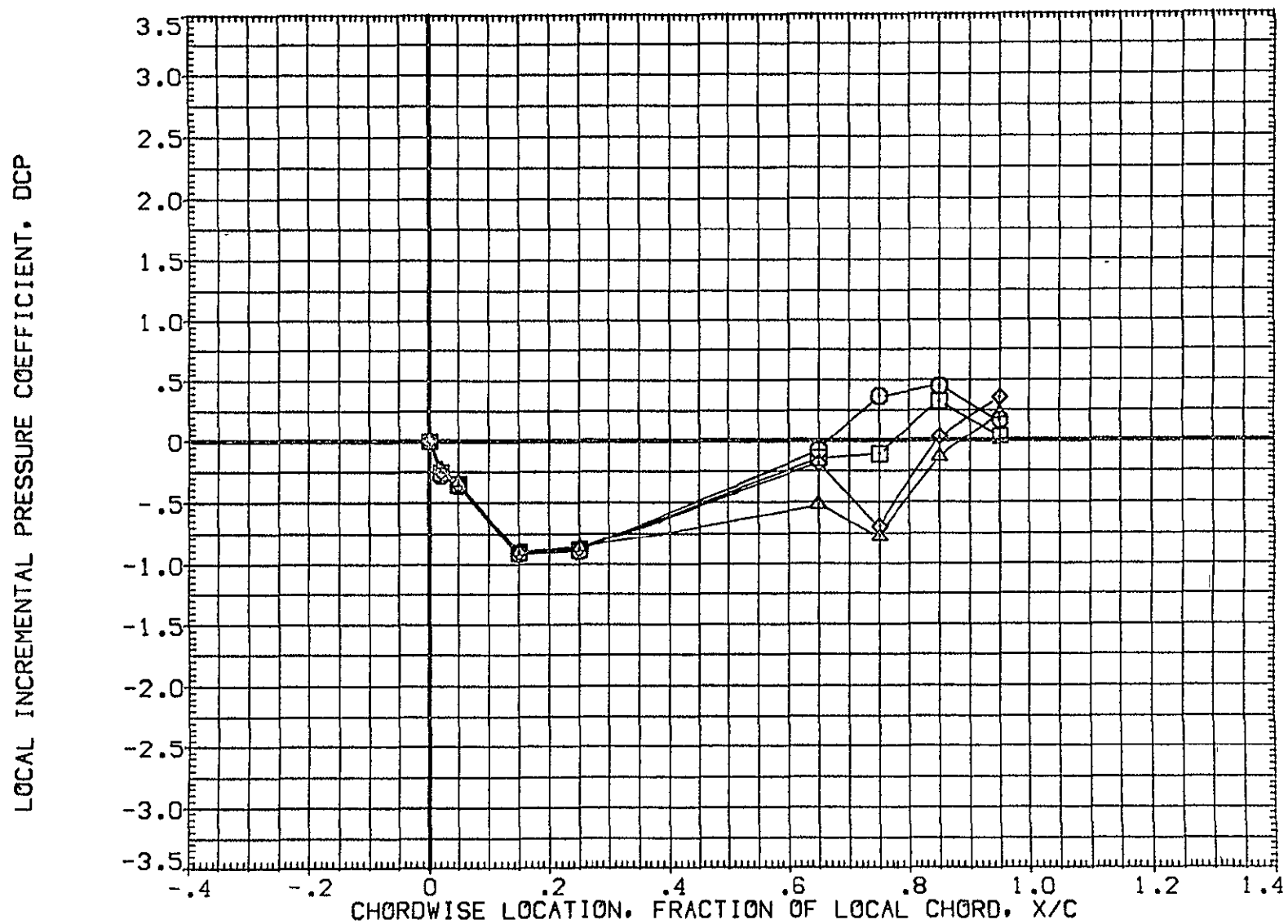


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 4.000 2Y/B = .771 PAGE 1002

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

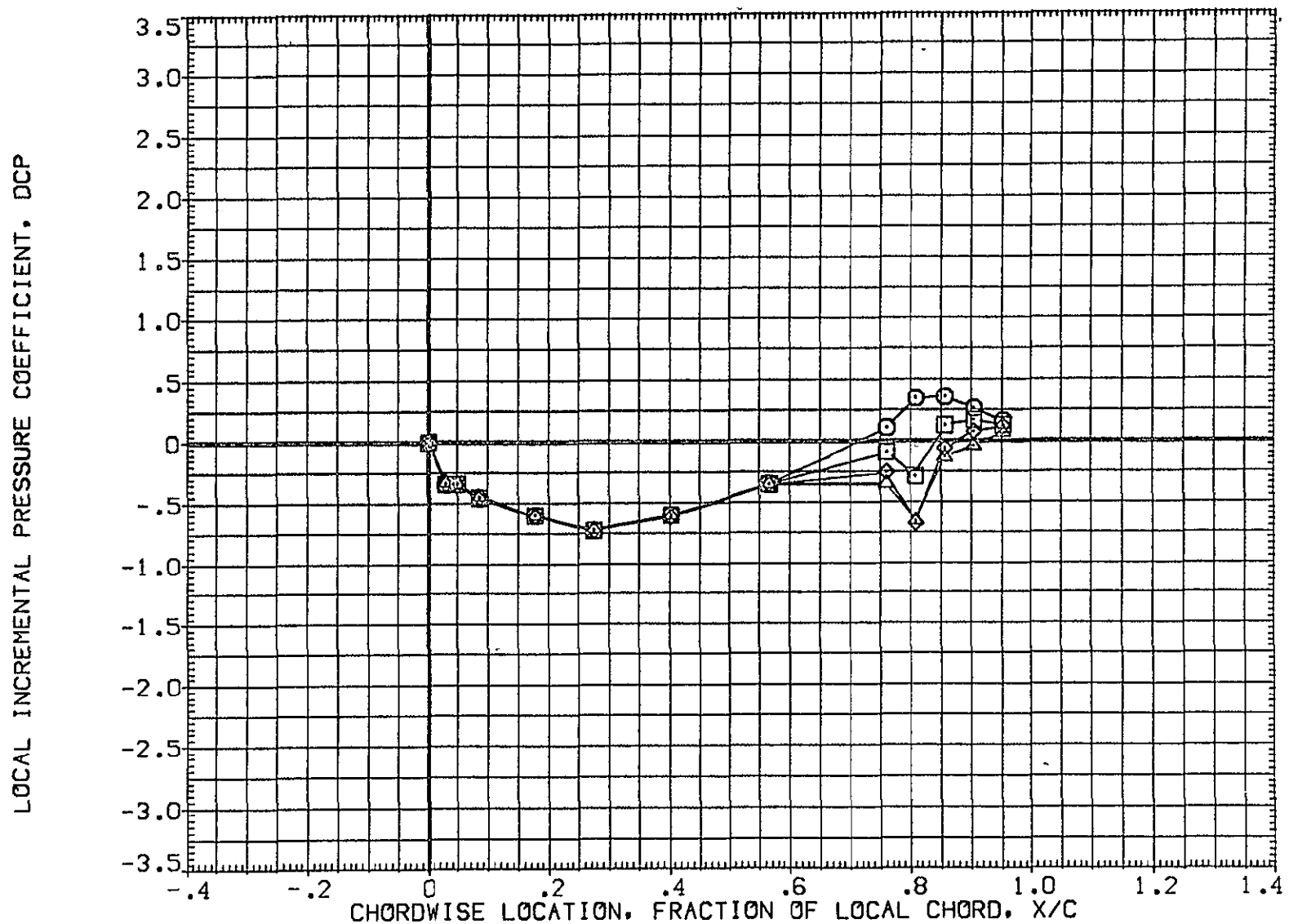


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 6.000 2Y/B = .436 PAGE 1003

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	○	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	□	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	◇	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	△	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

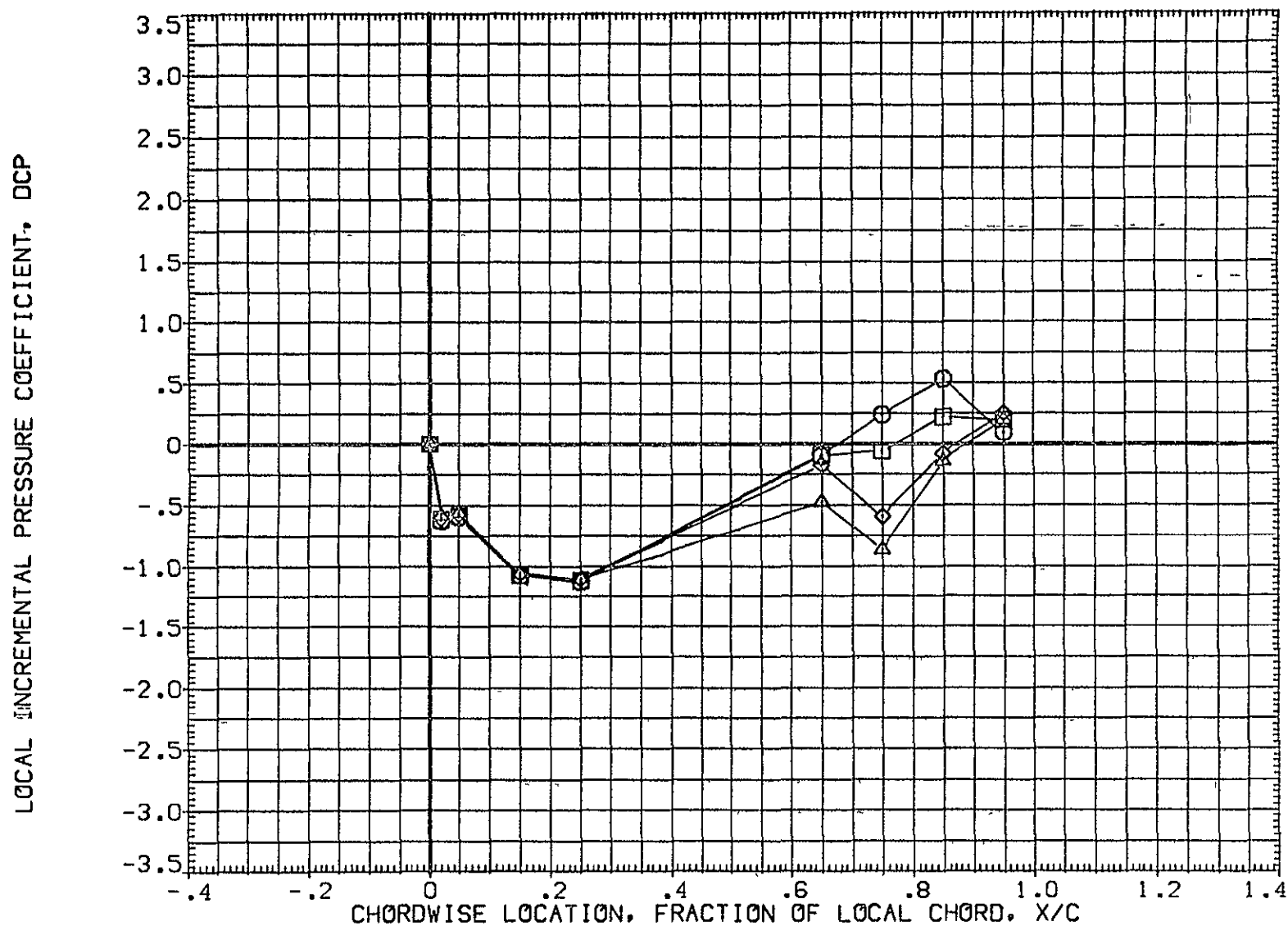


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = .900 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

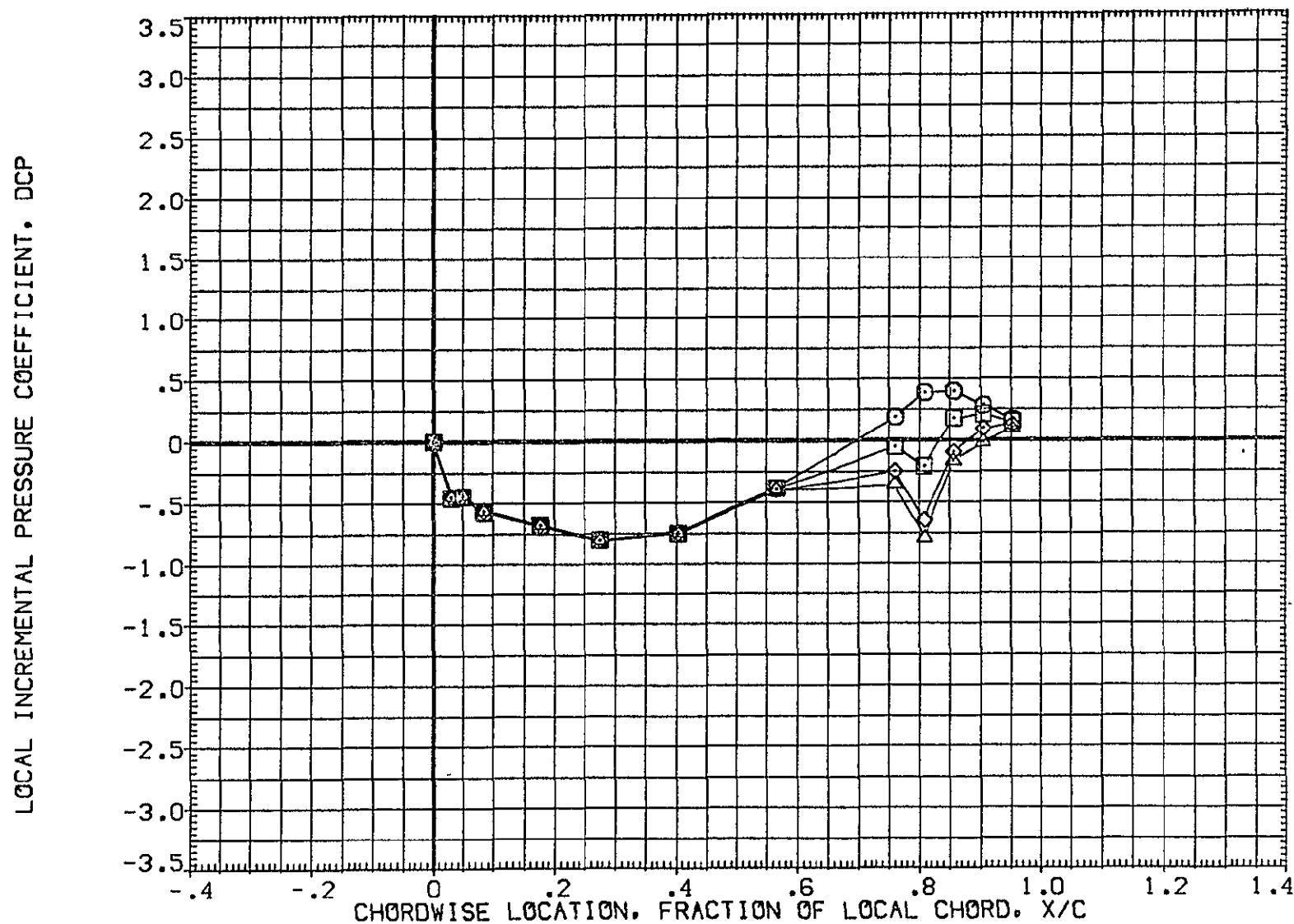


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 8.000 2Y/B = .436 PAGE 1005

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

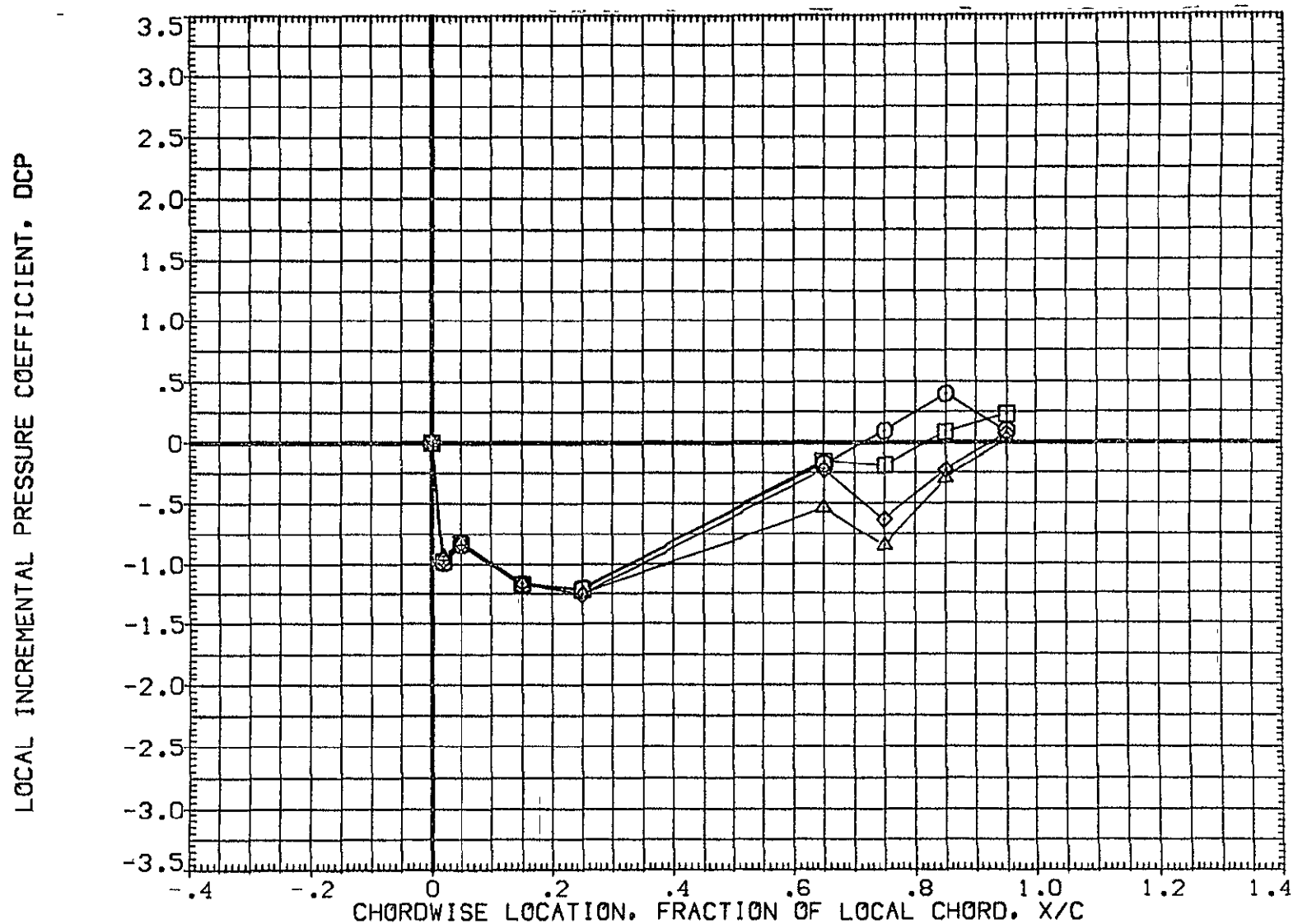


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = .900 ALPHA = 8.000 2Y/B = .771 PAGE 1006

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

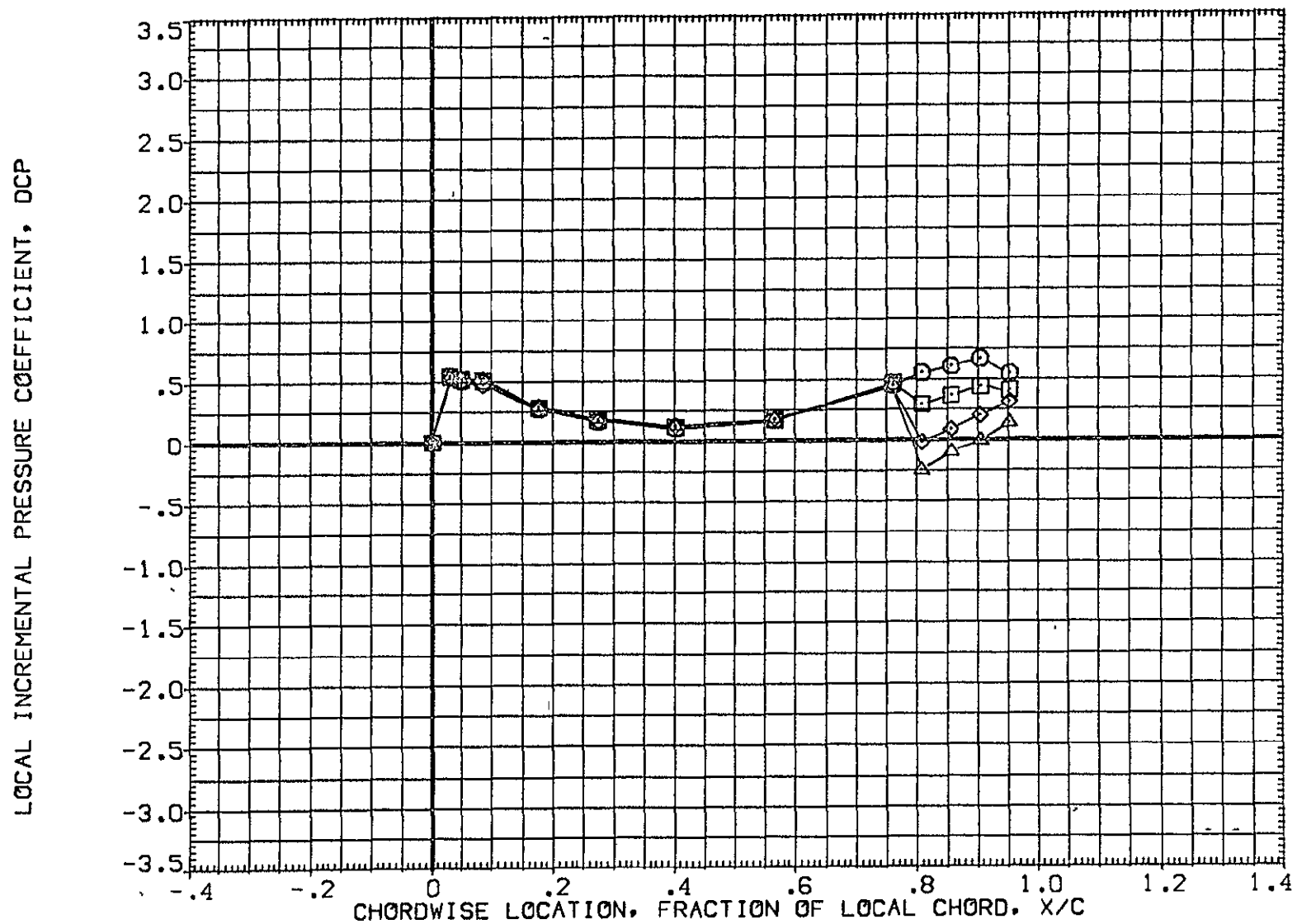


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

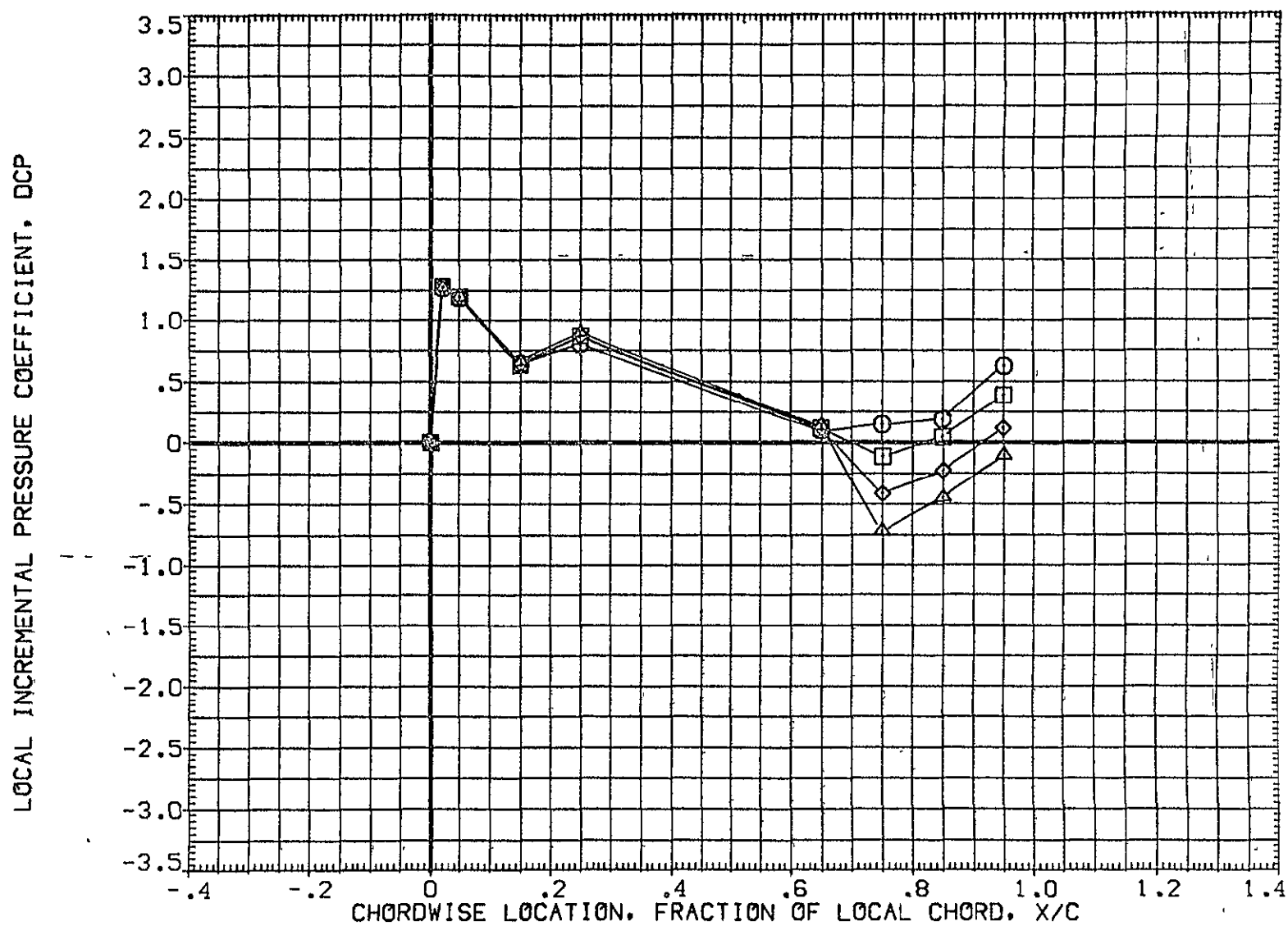


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -4$

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

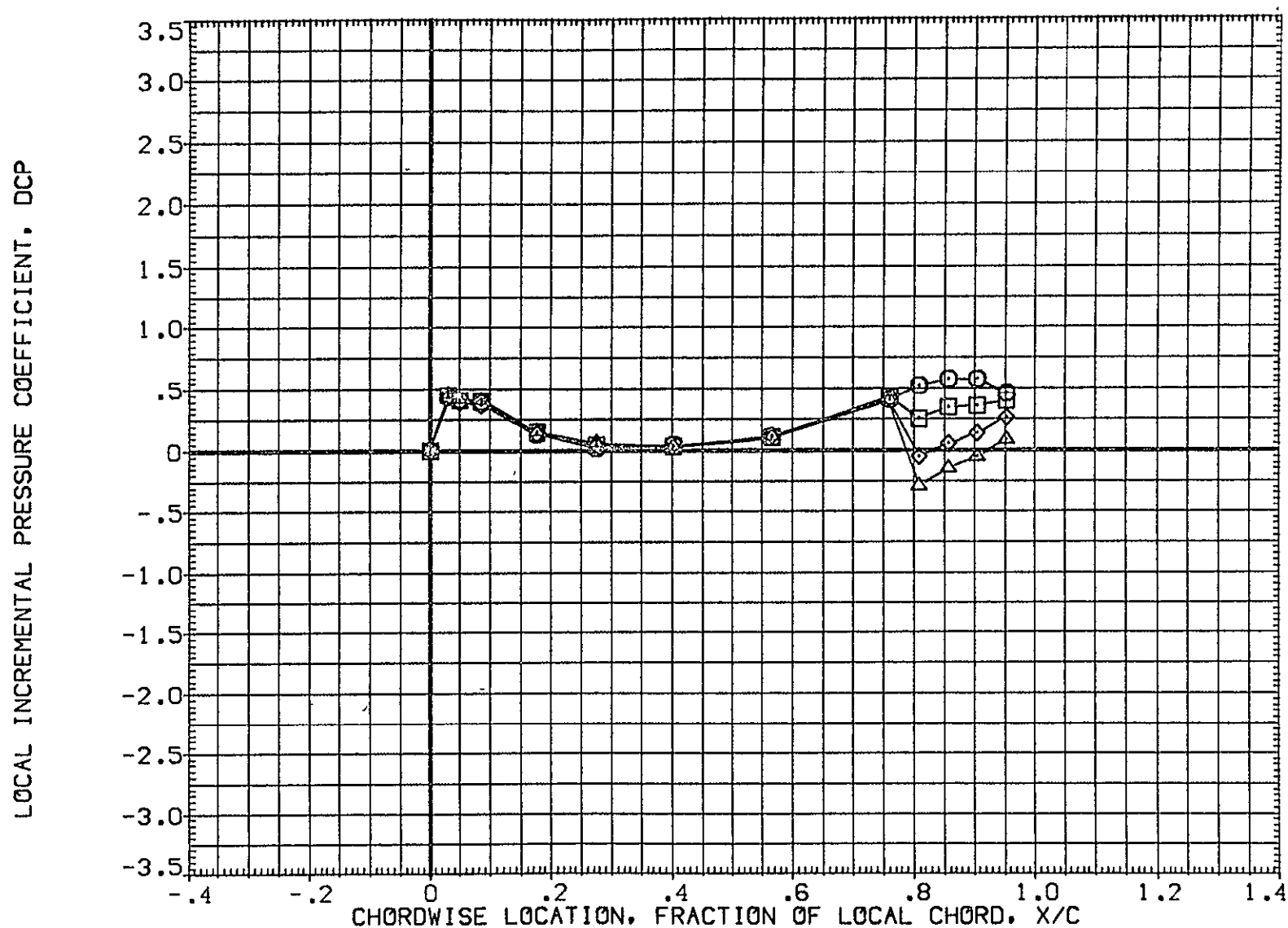


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

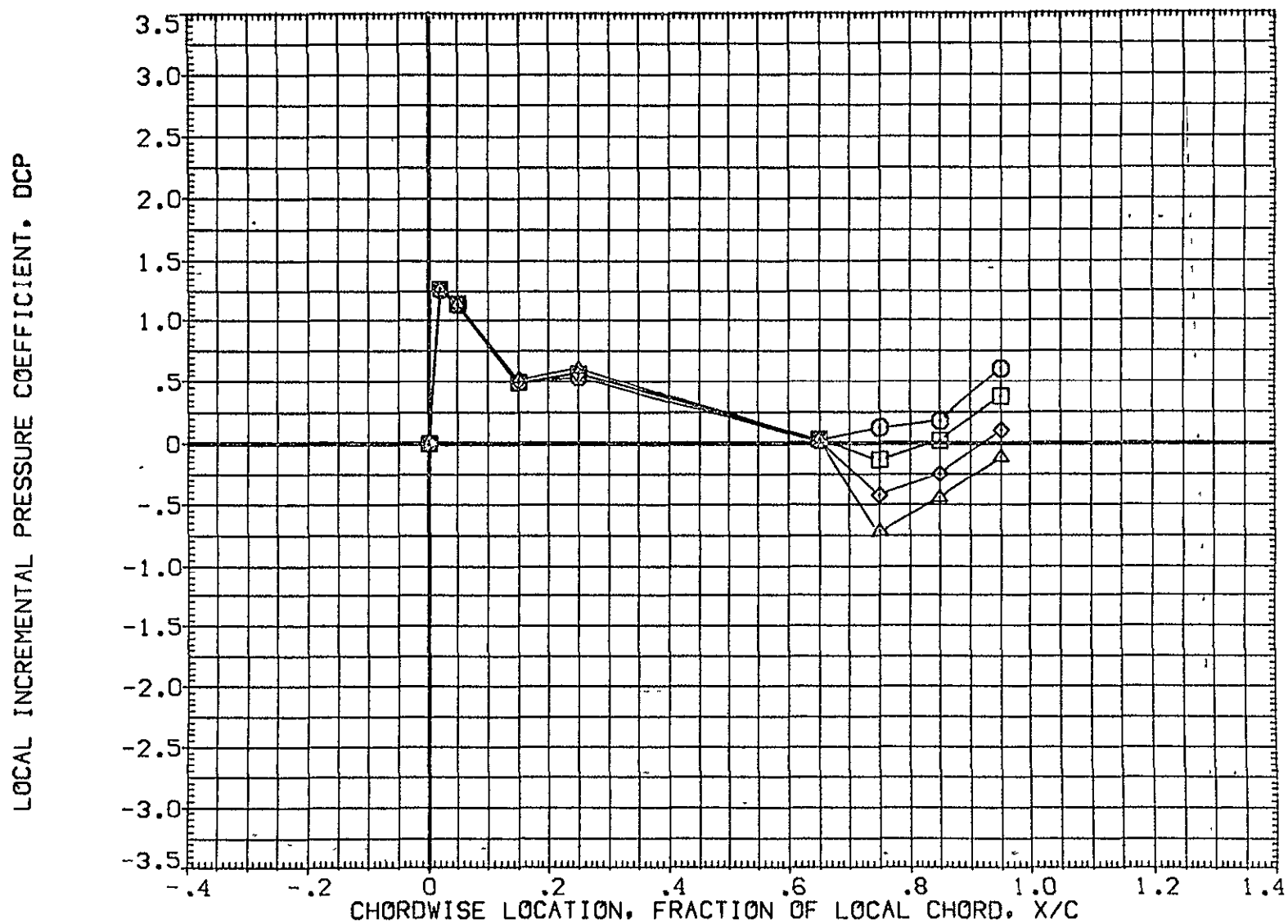


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

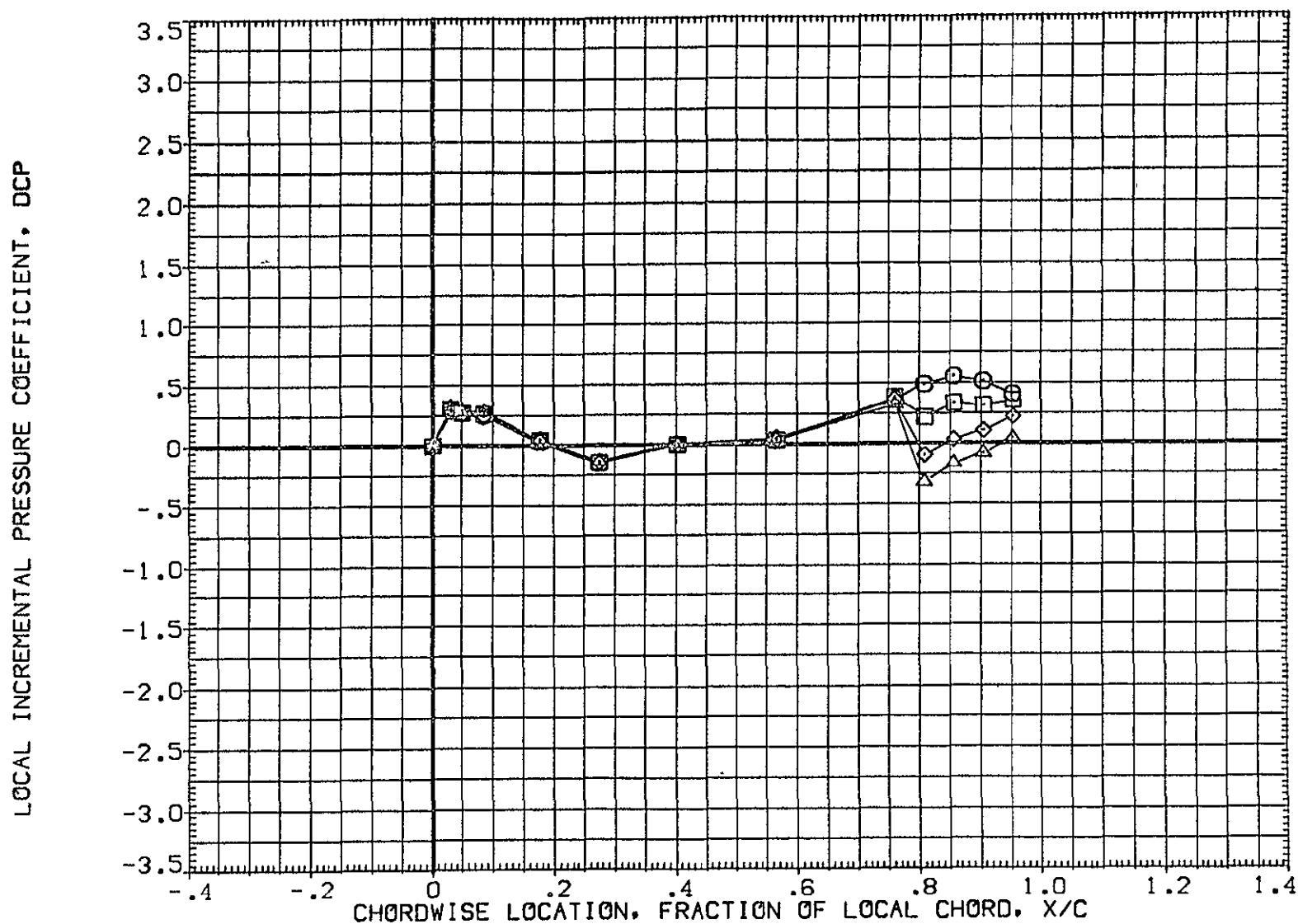


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

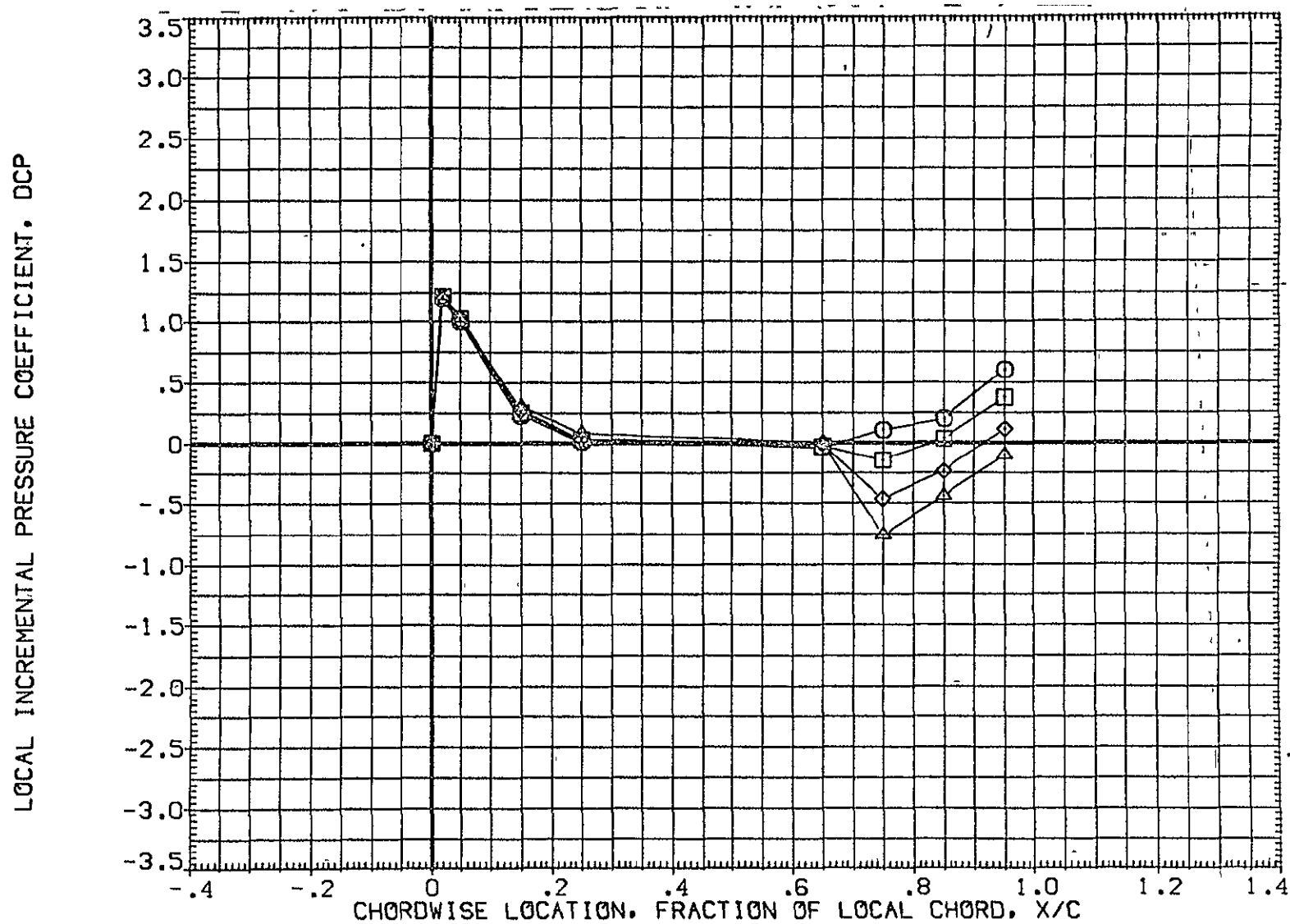


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -4.000 2Y/B = .771 PAGE 1012

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7046 }	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{ AF7051 }	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{ AF7056 }	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{ AF7061 }	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

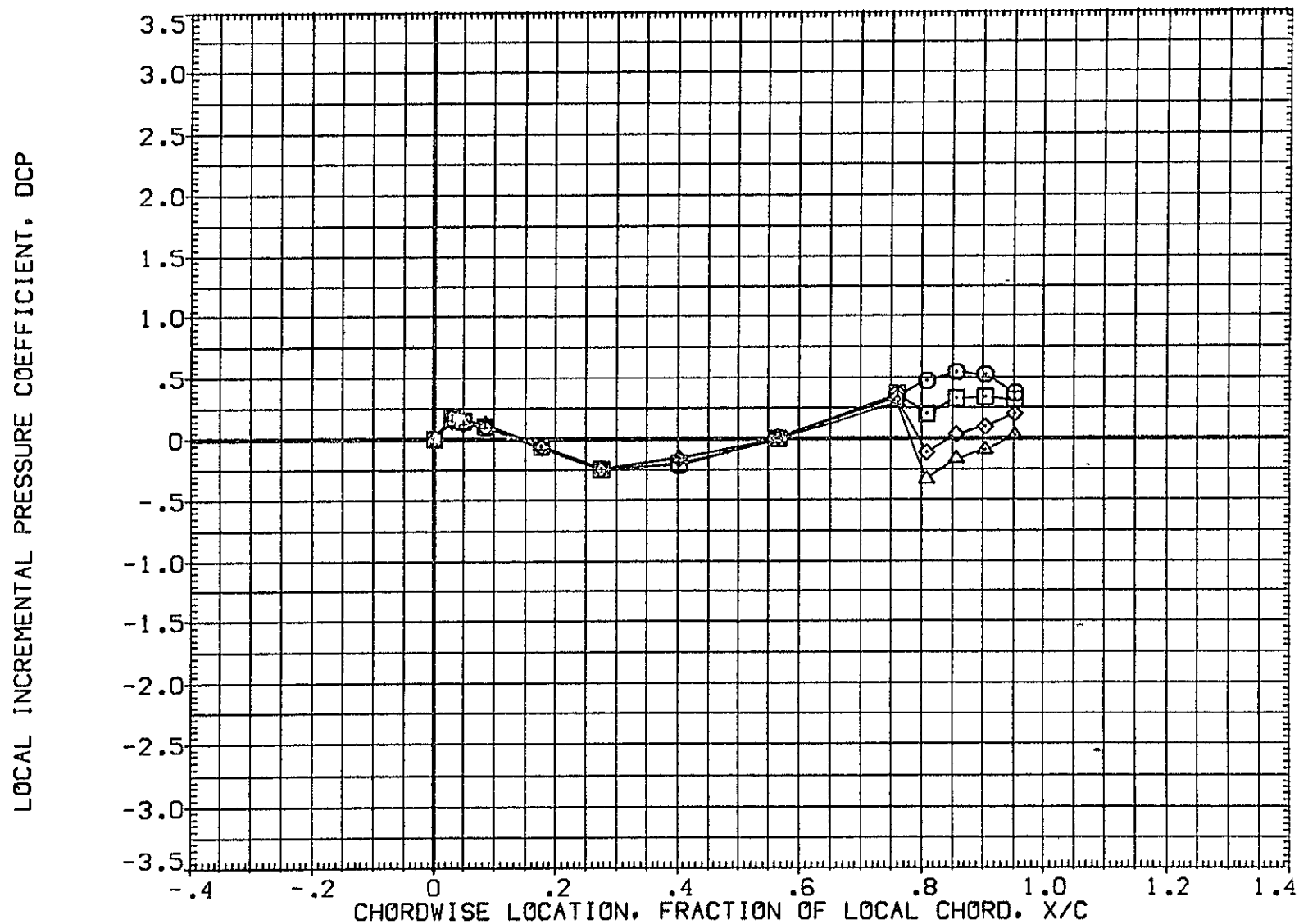


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = -2.000 2Y/B = .436 PAGE 1013

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

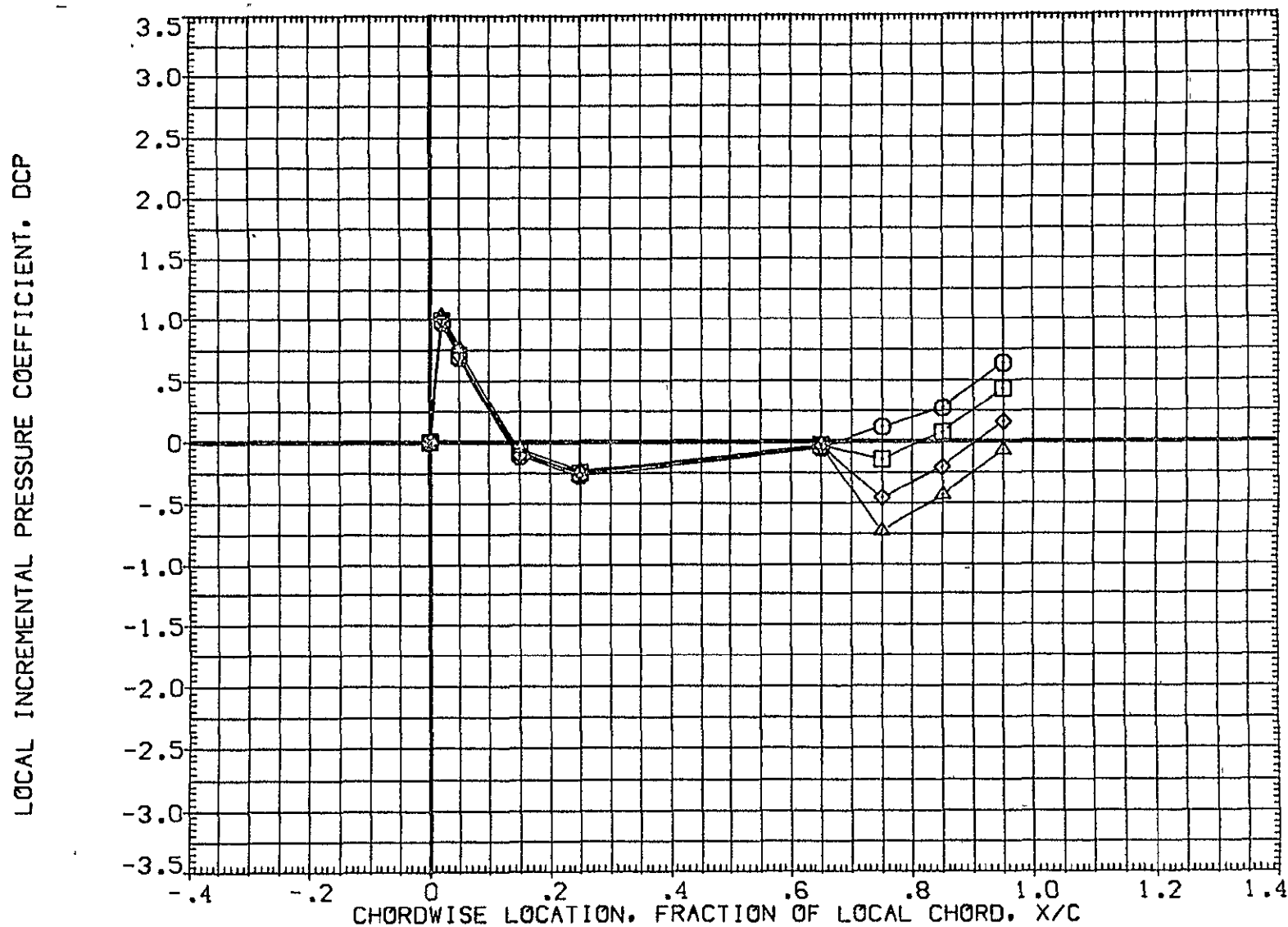


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

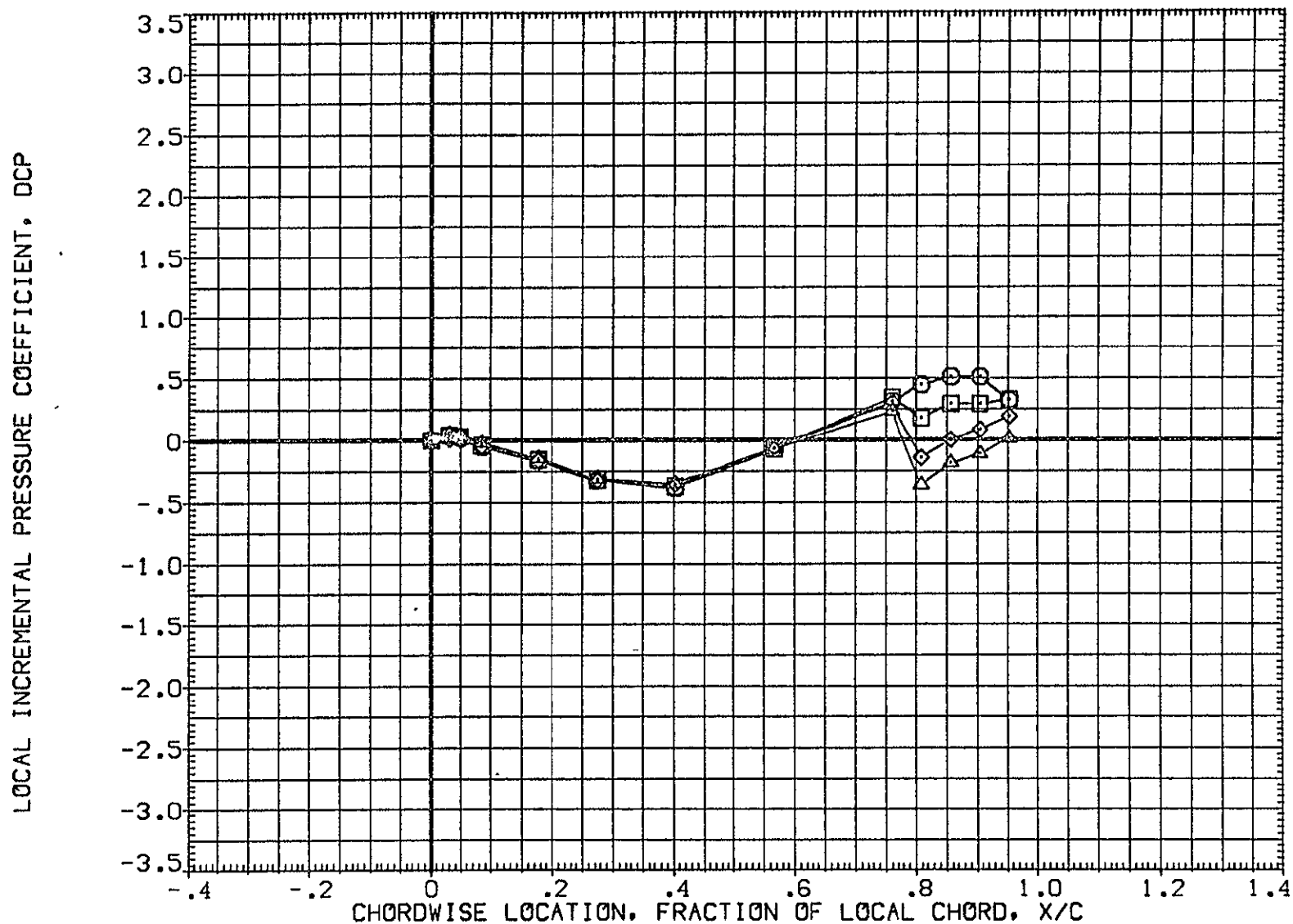


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

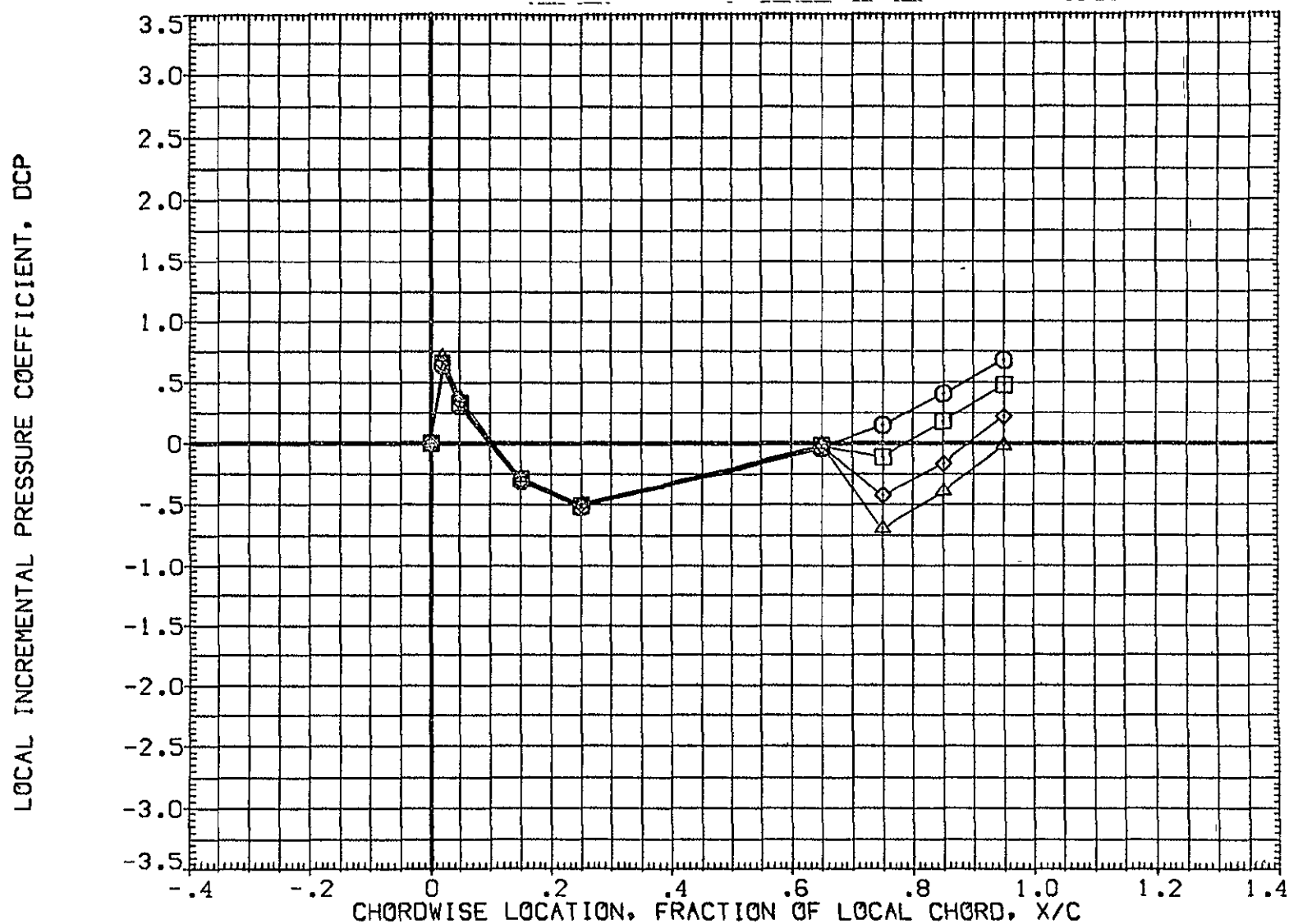


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

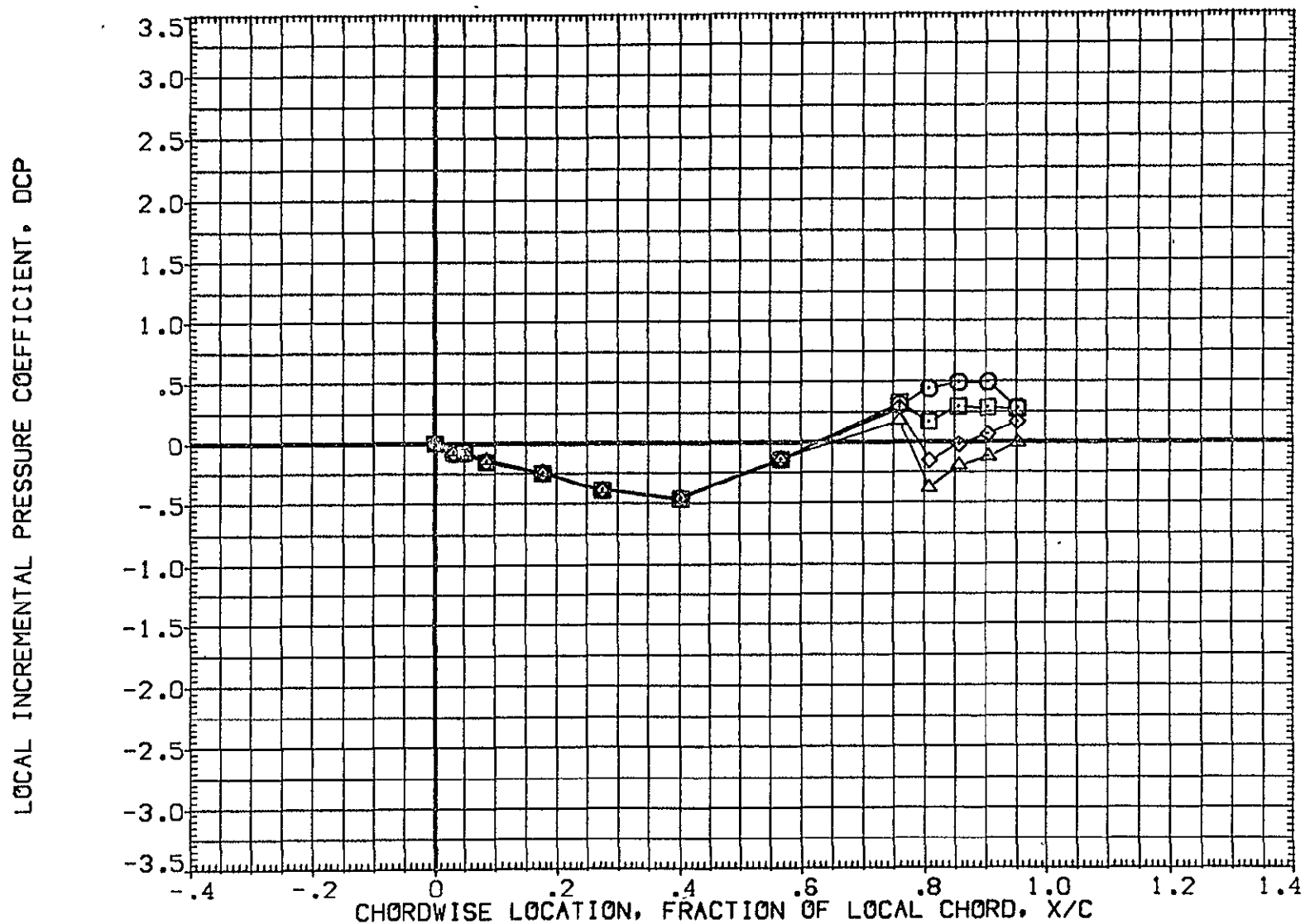


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 2.000 2Y/B = .436 PAGE 1017

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

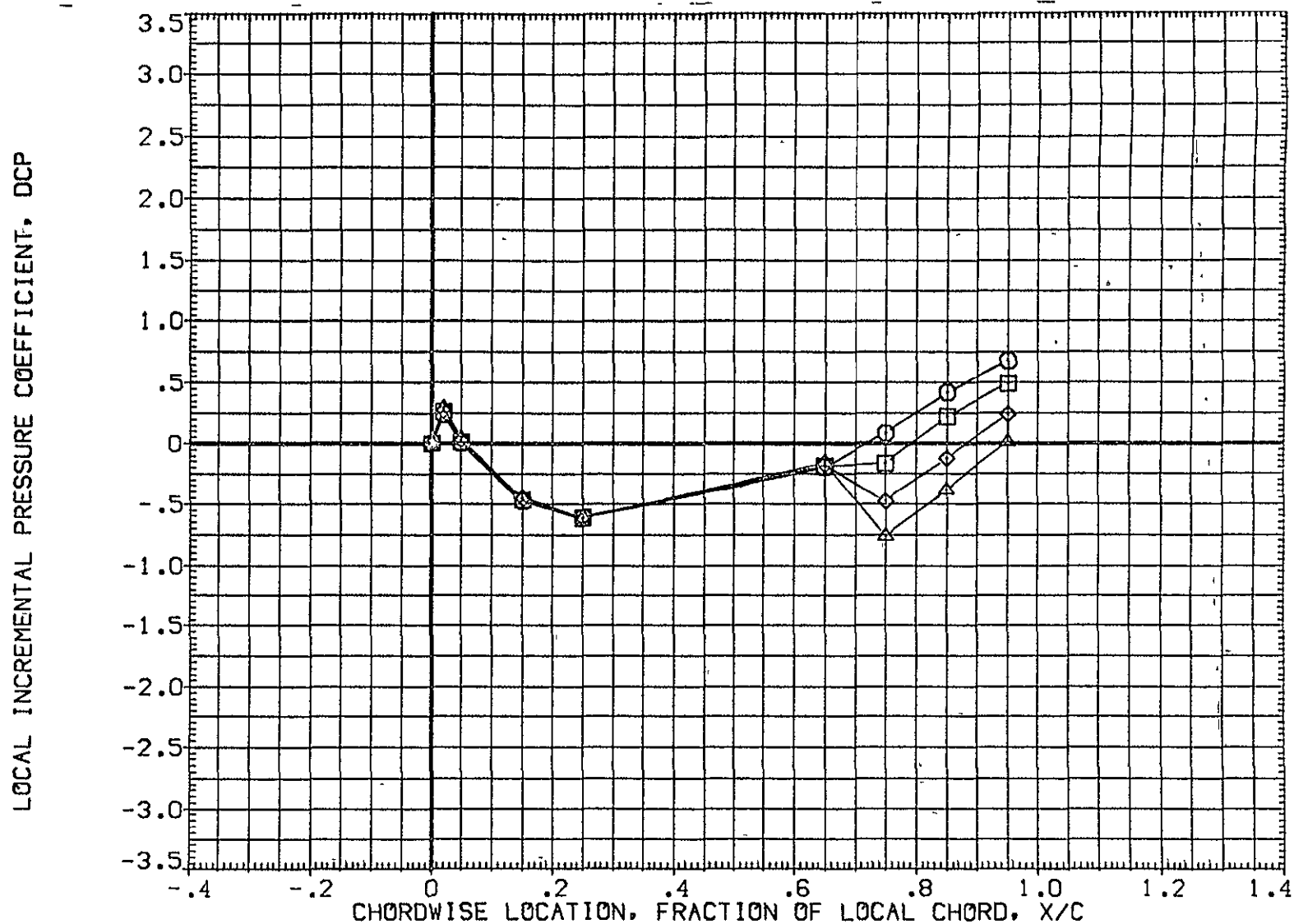


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 2.000 2Y/B = .771 PAGE 1018

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

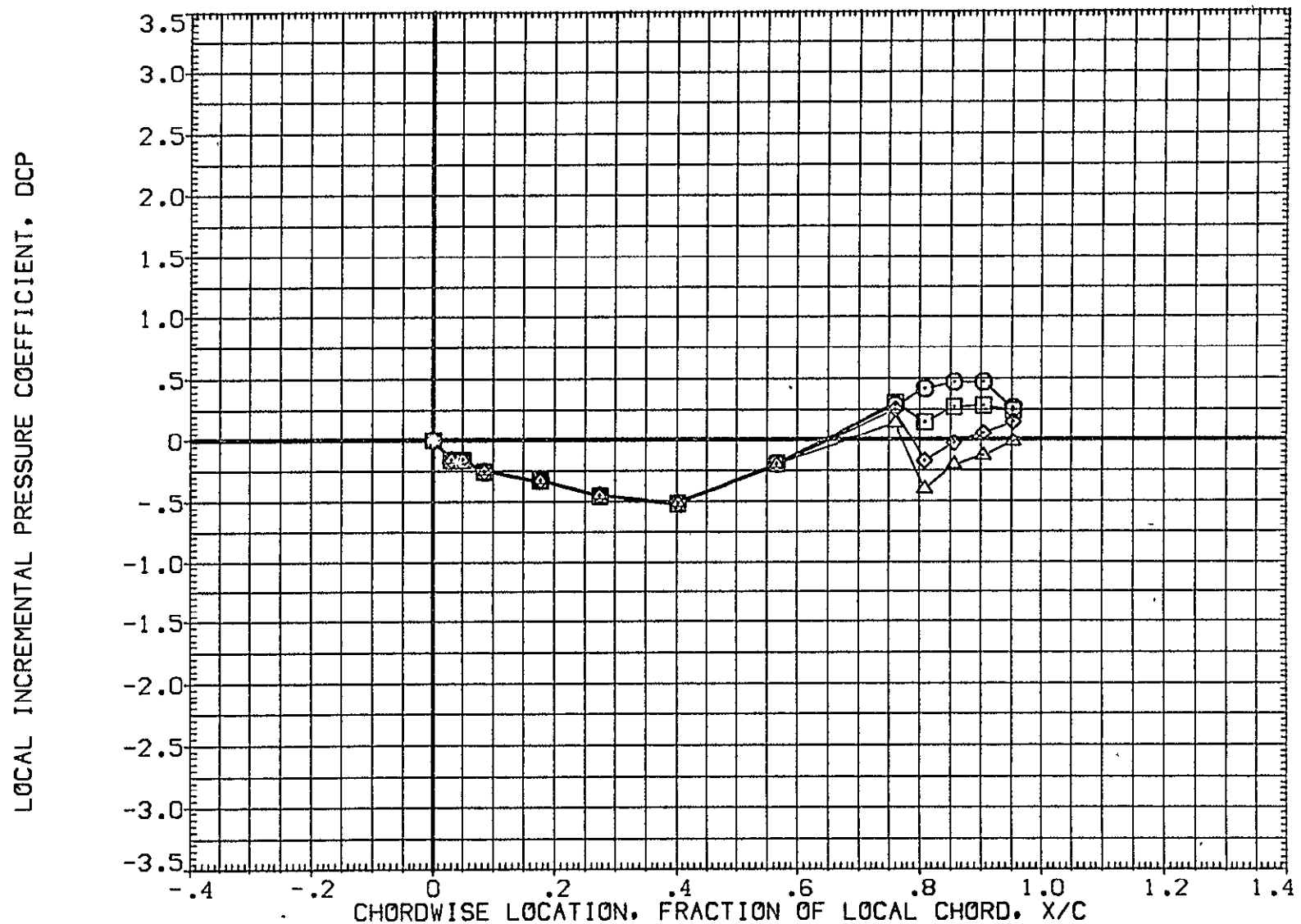


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 4.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

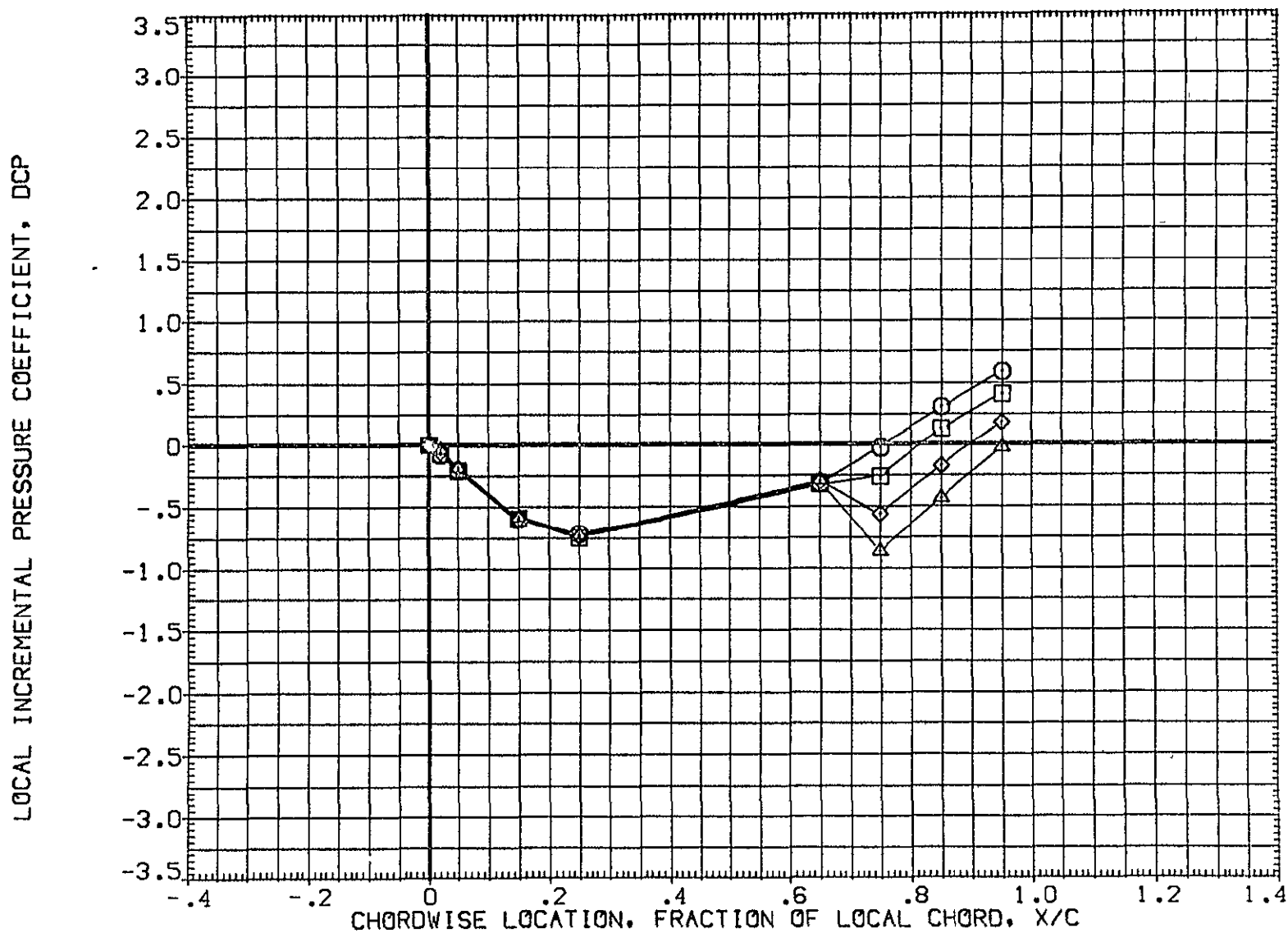


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.120 ALPHA = 4.000 2Y/B = .771 PAGE 1020

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

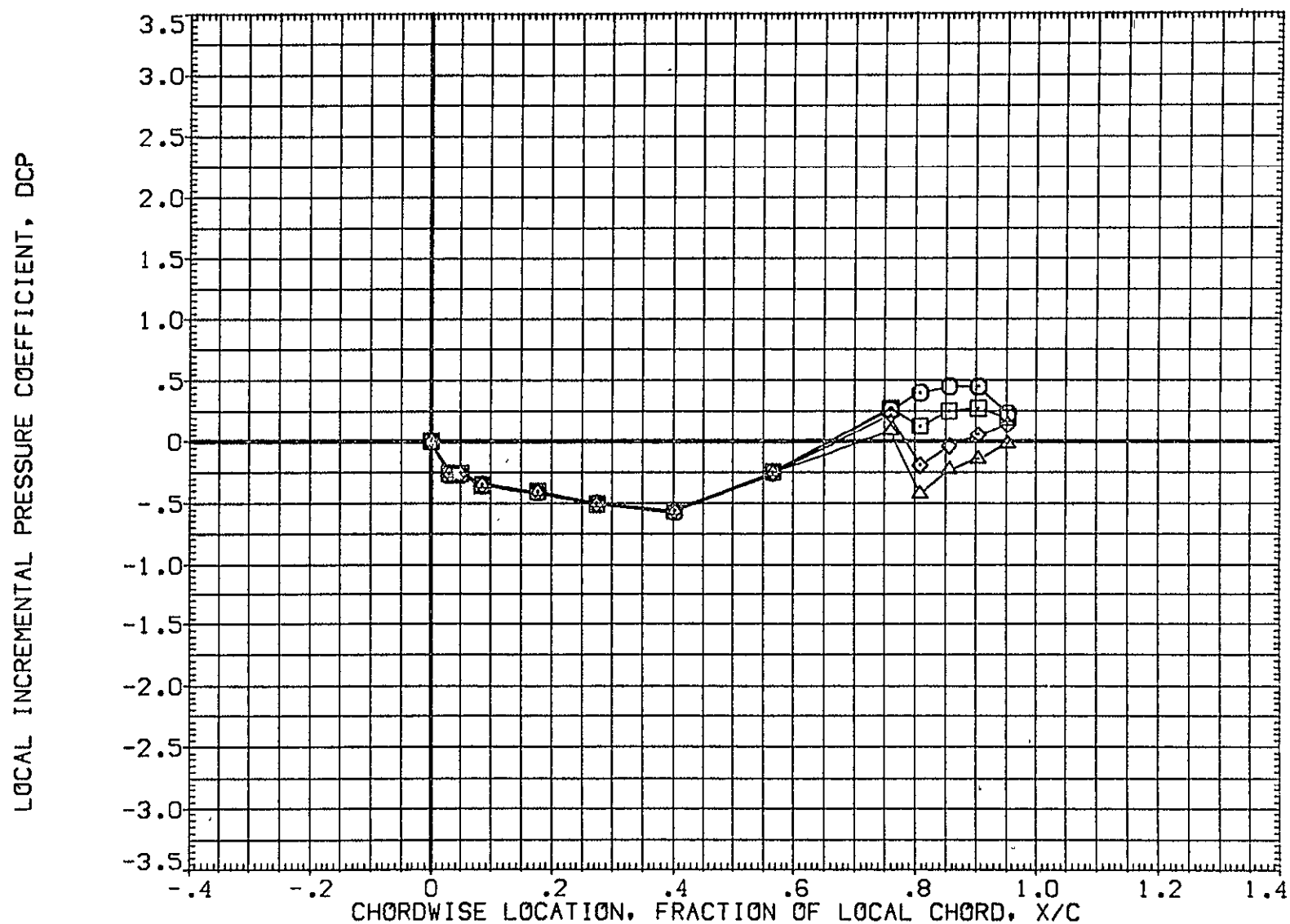


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 6.000 2Y/B = .436

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DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	○	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	□	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	◇	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	△	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

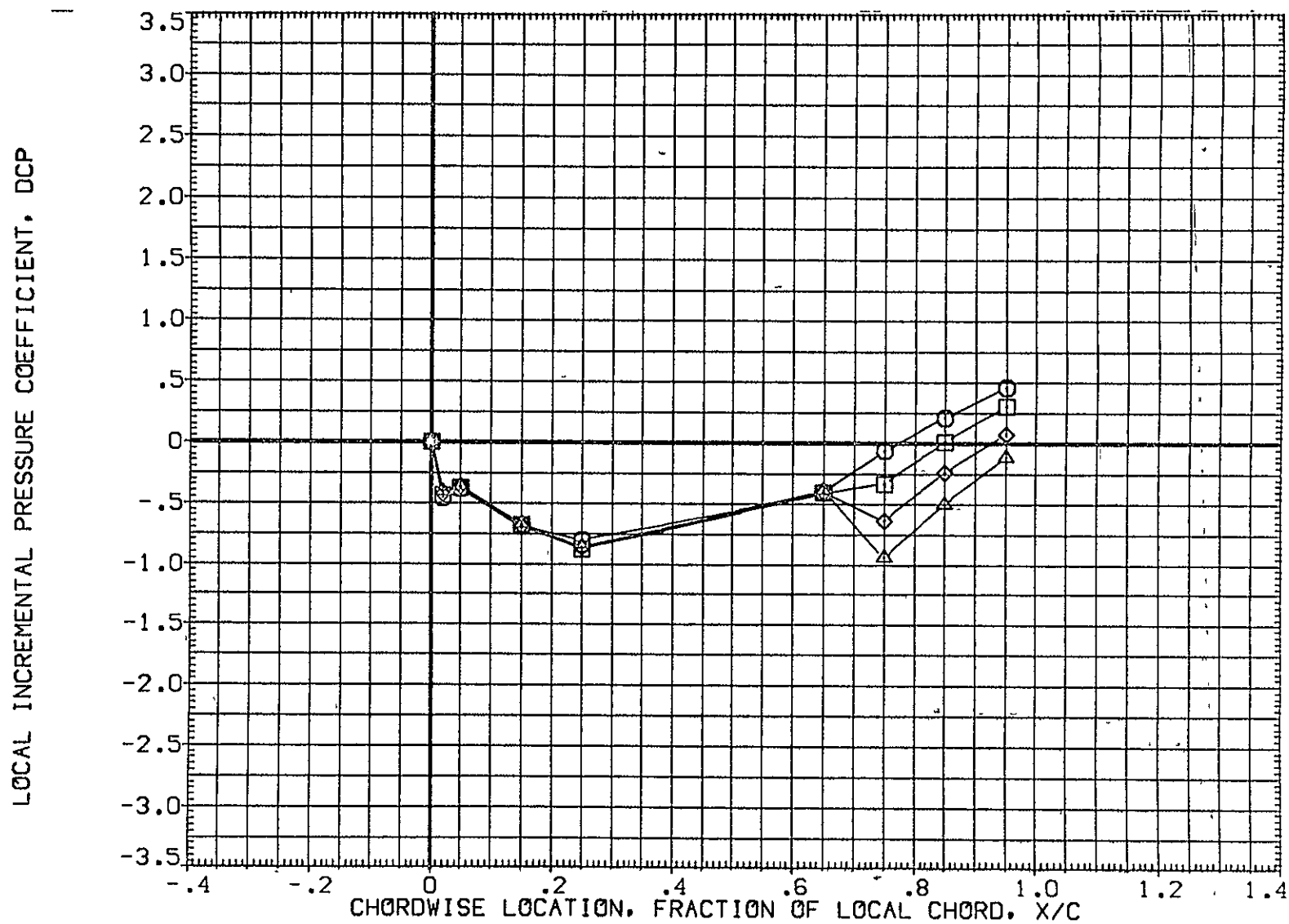


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

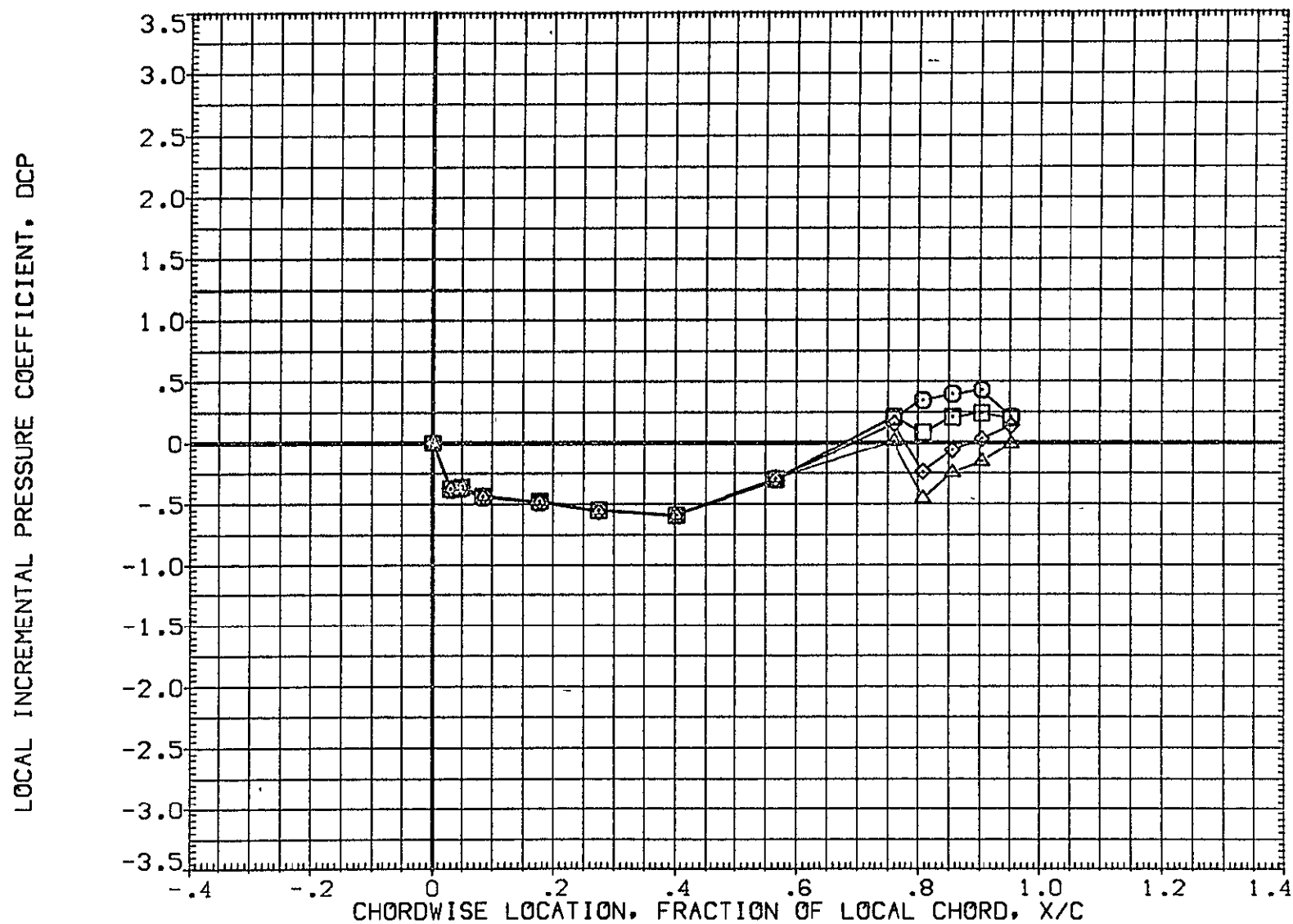


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

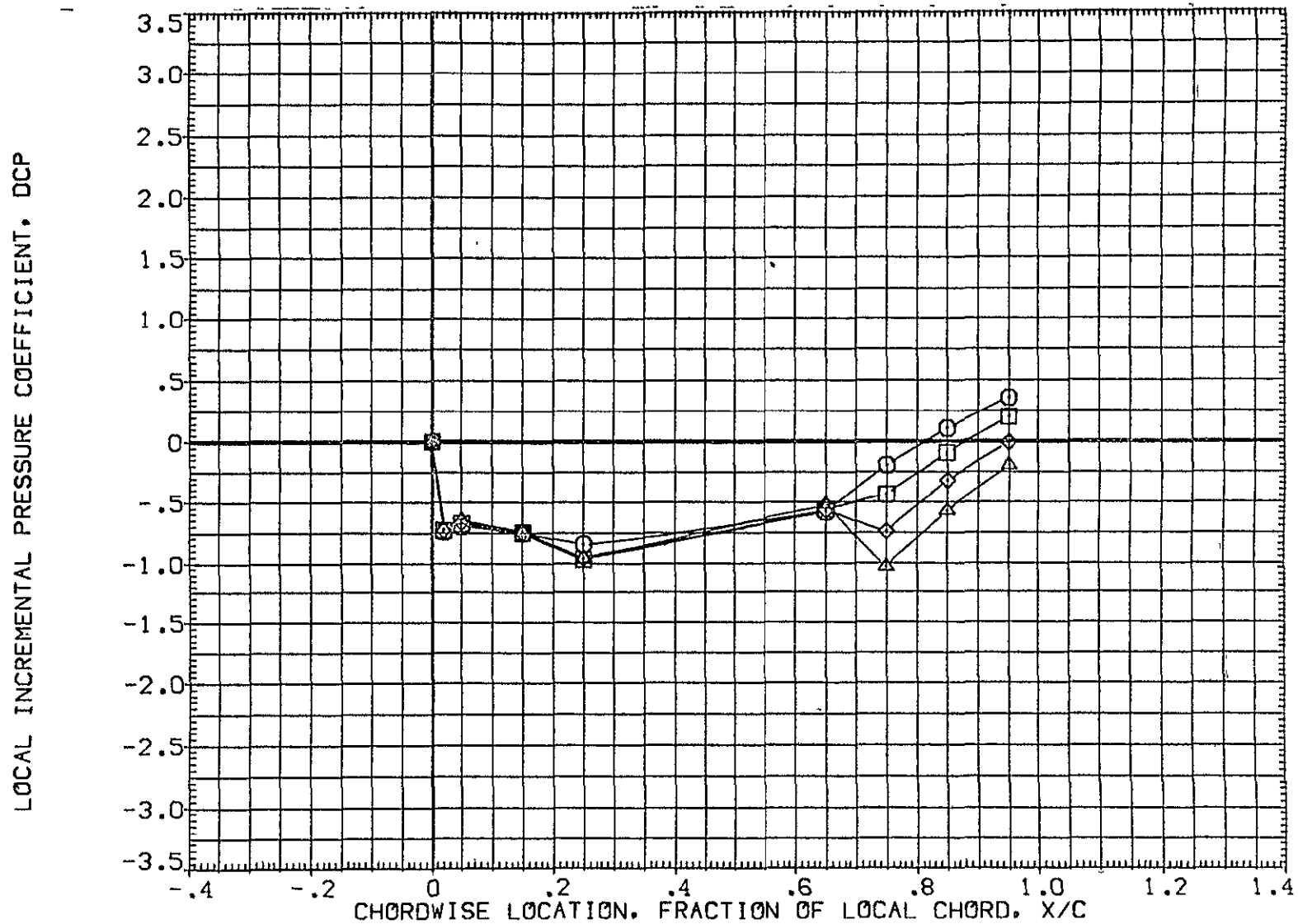


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

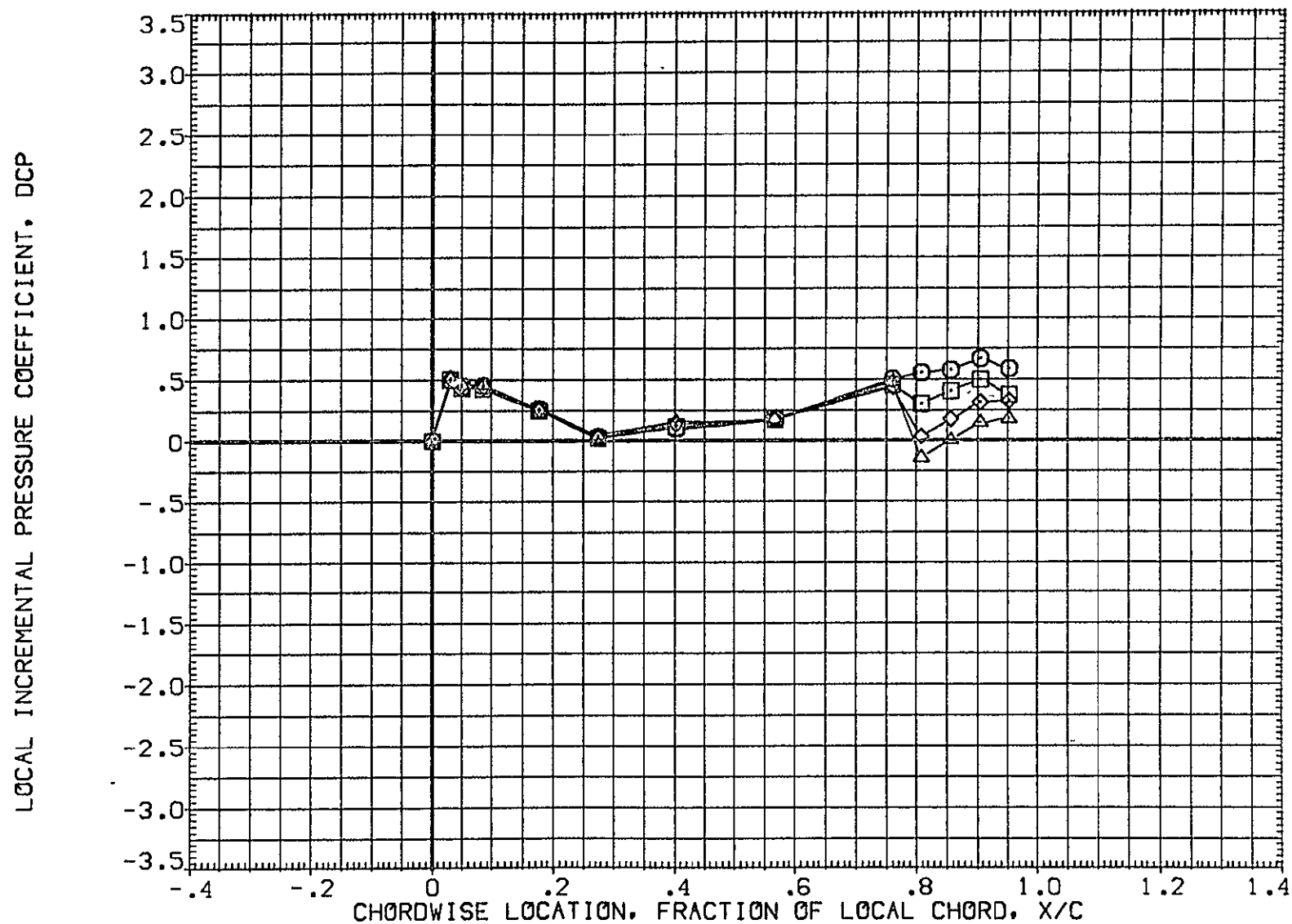


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

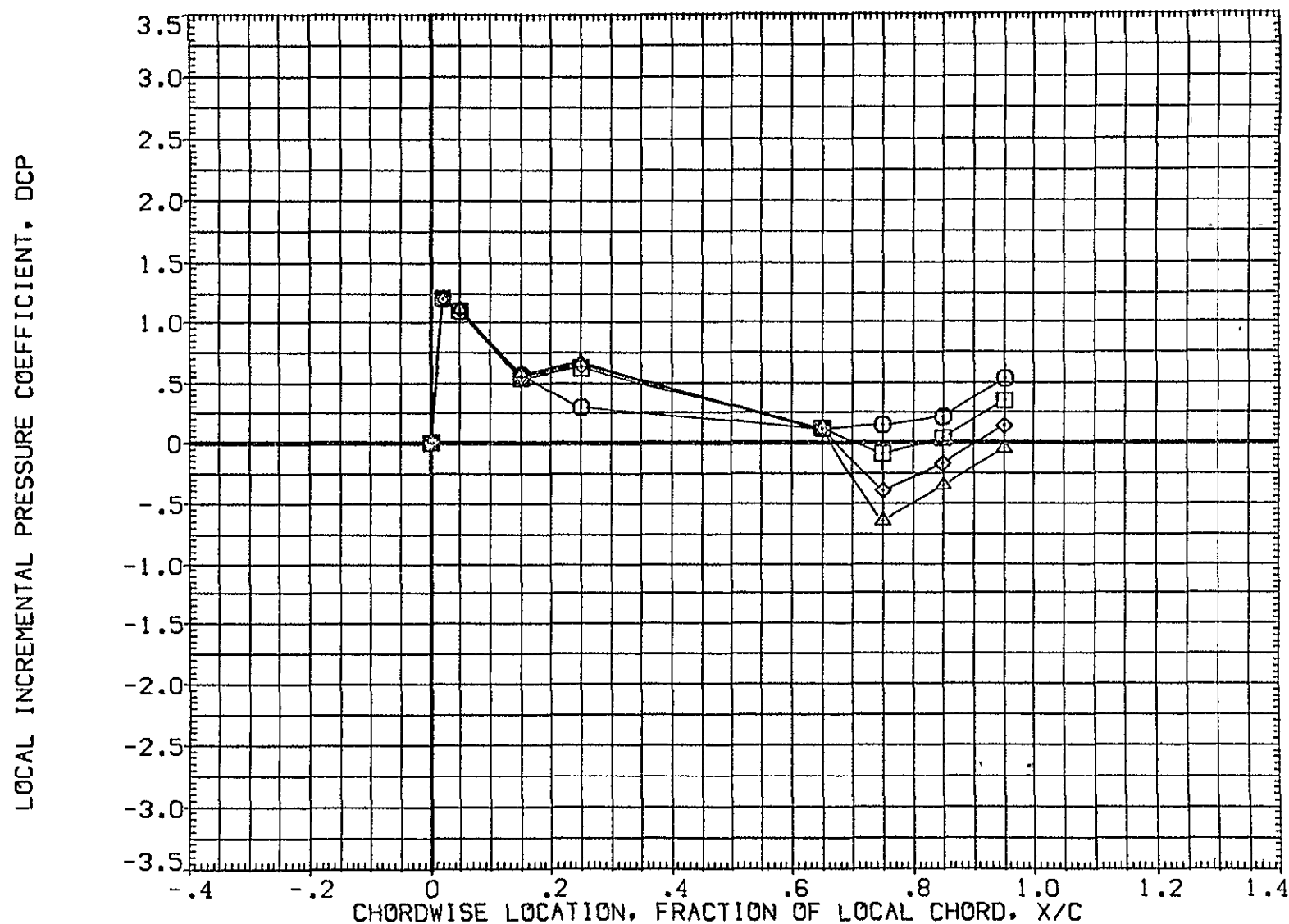


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

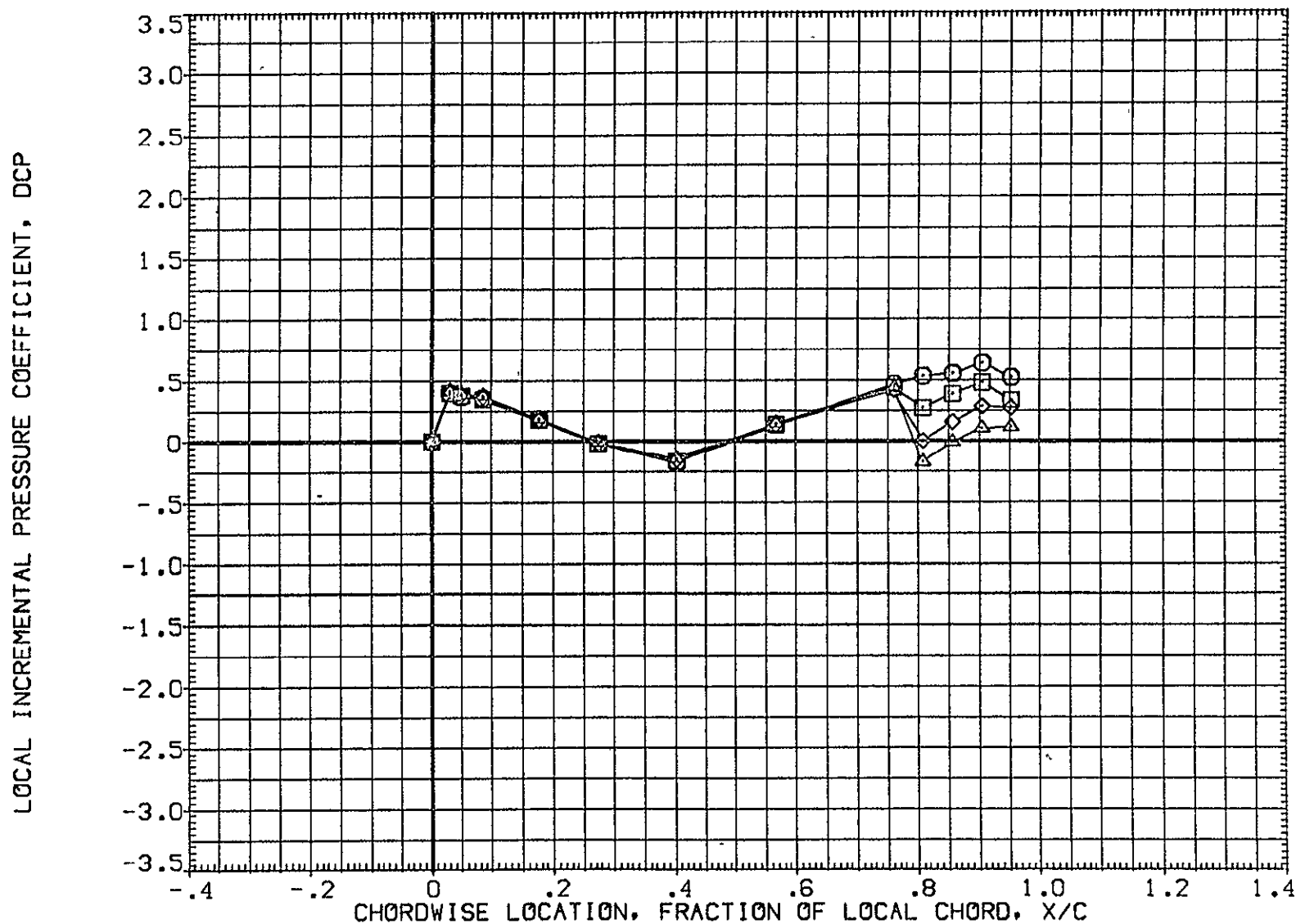


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

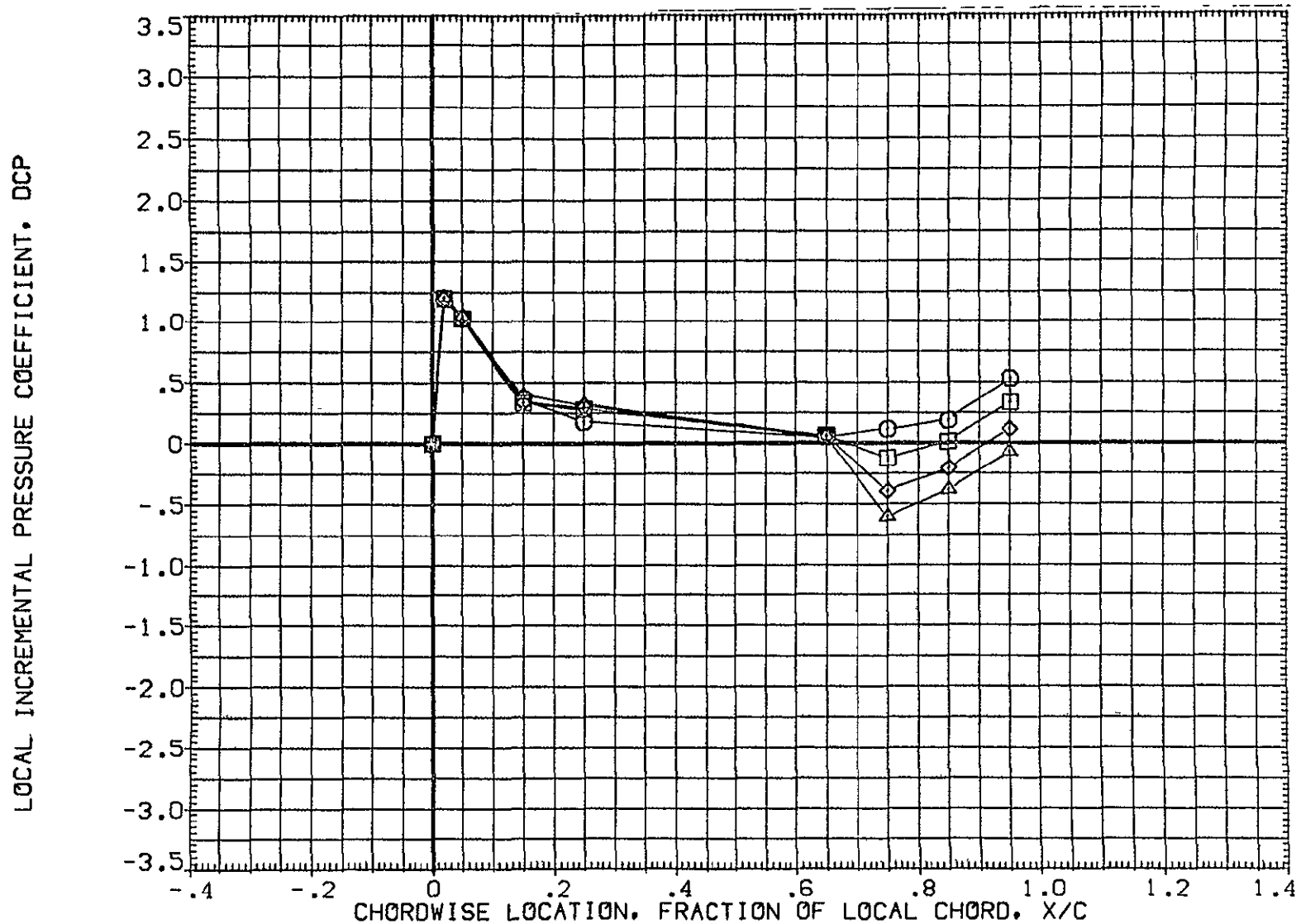


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

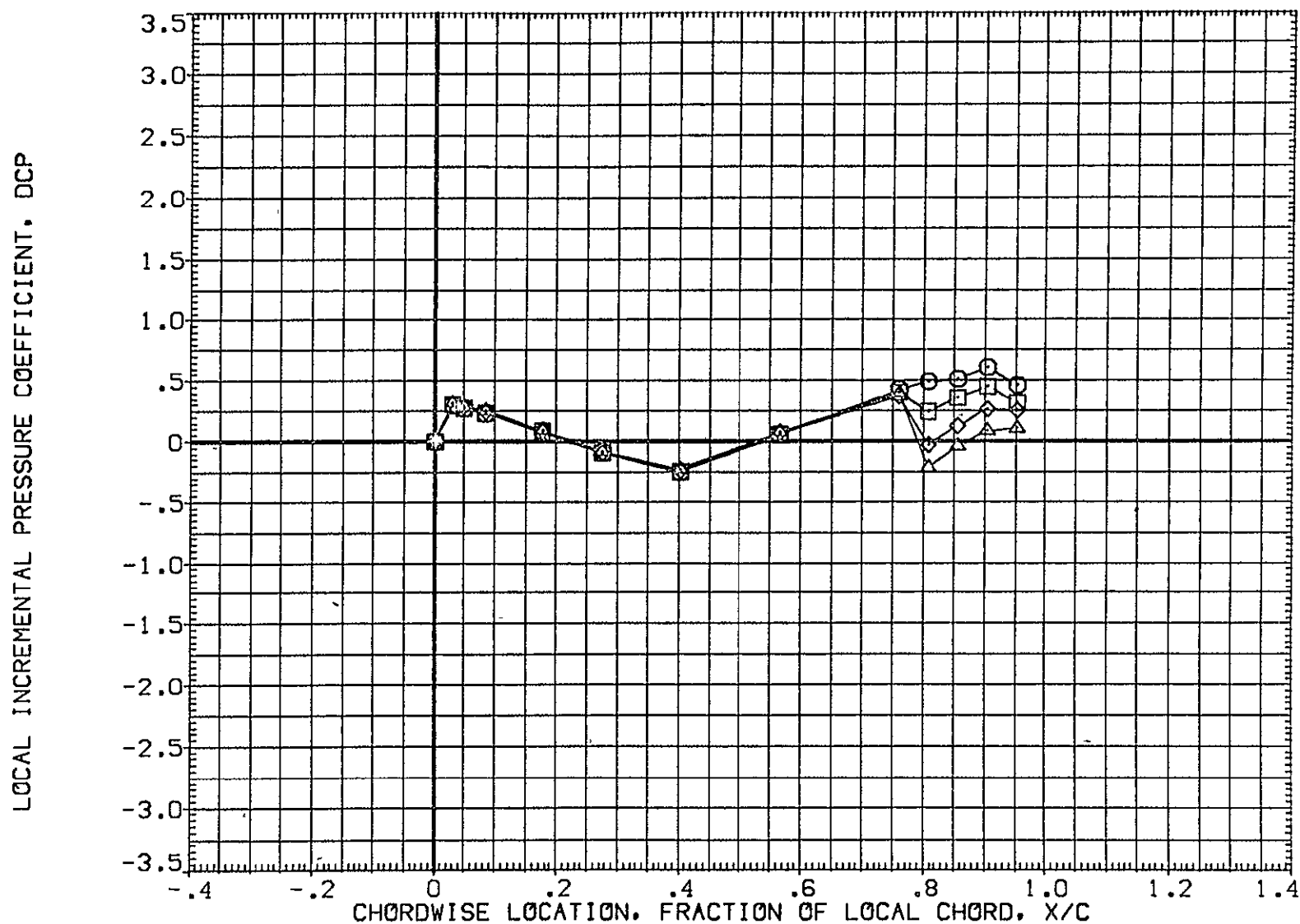


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

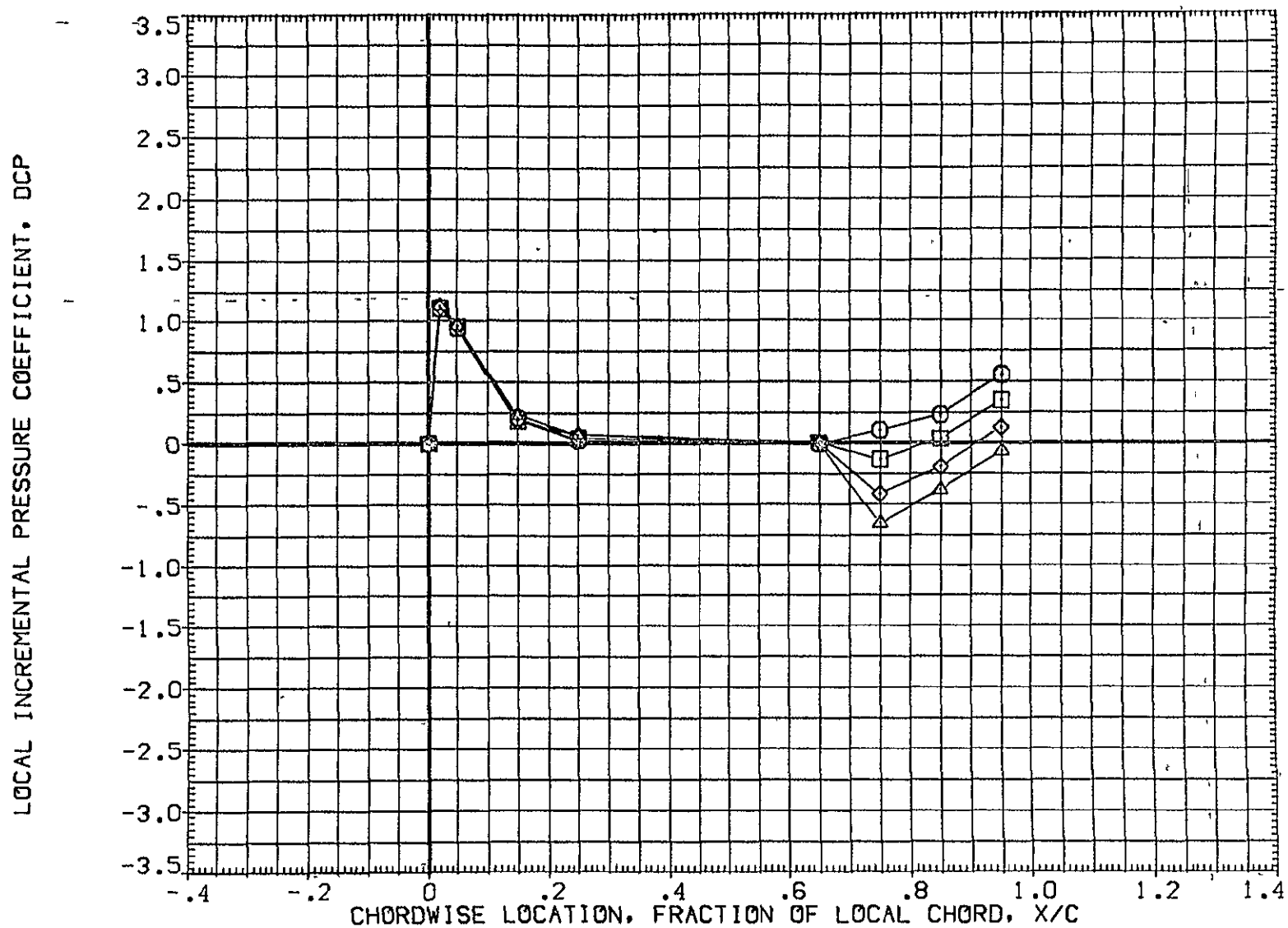


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

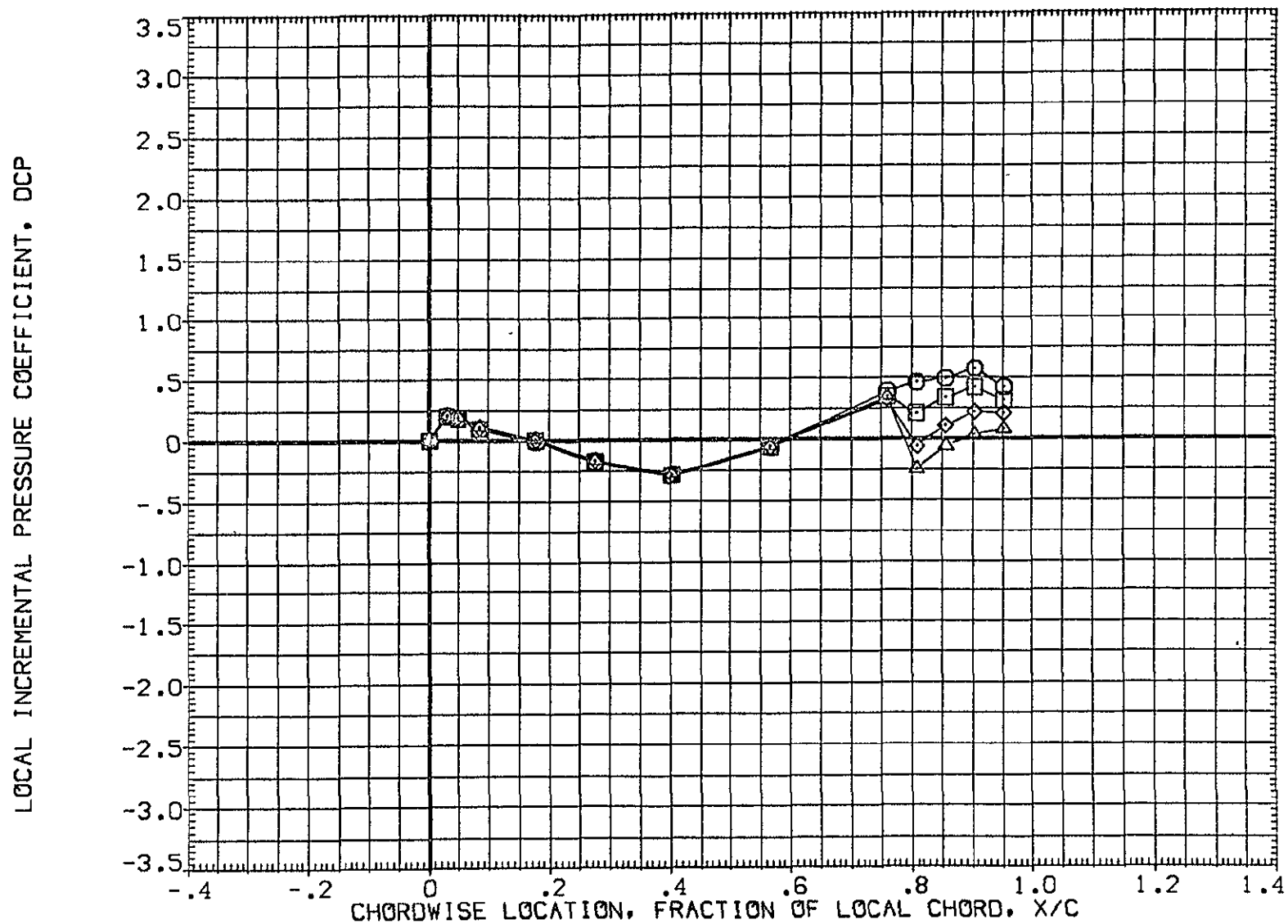


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -4$   
MACH = 1.240 ALPHA = -2.000  $2Y/B = .436$  PAGE 1031



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

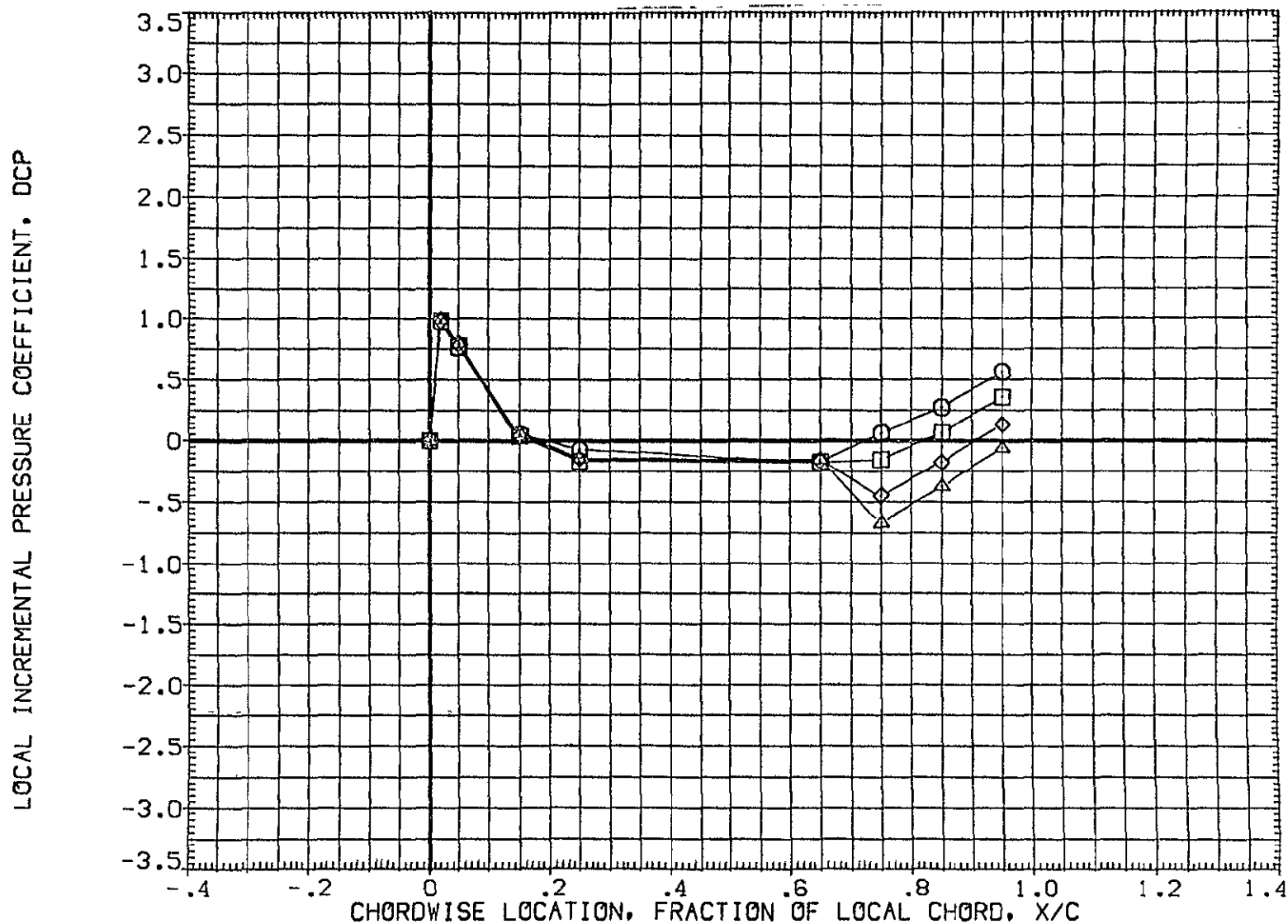


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = -2.000 2Y/B = .771 PAGE 1032

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

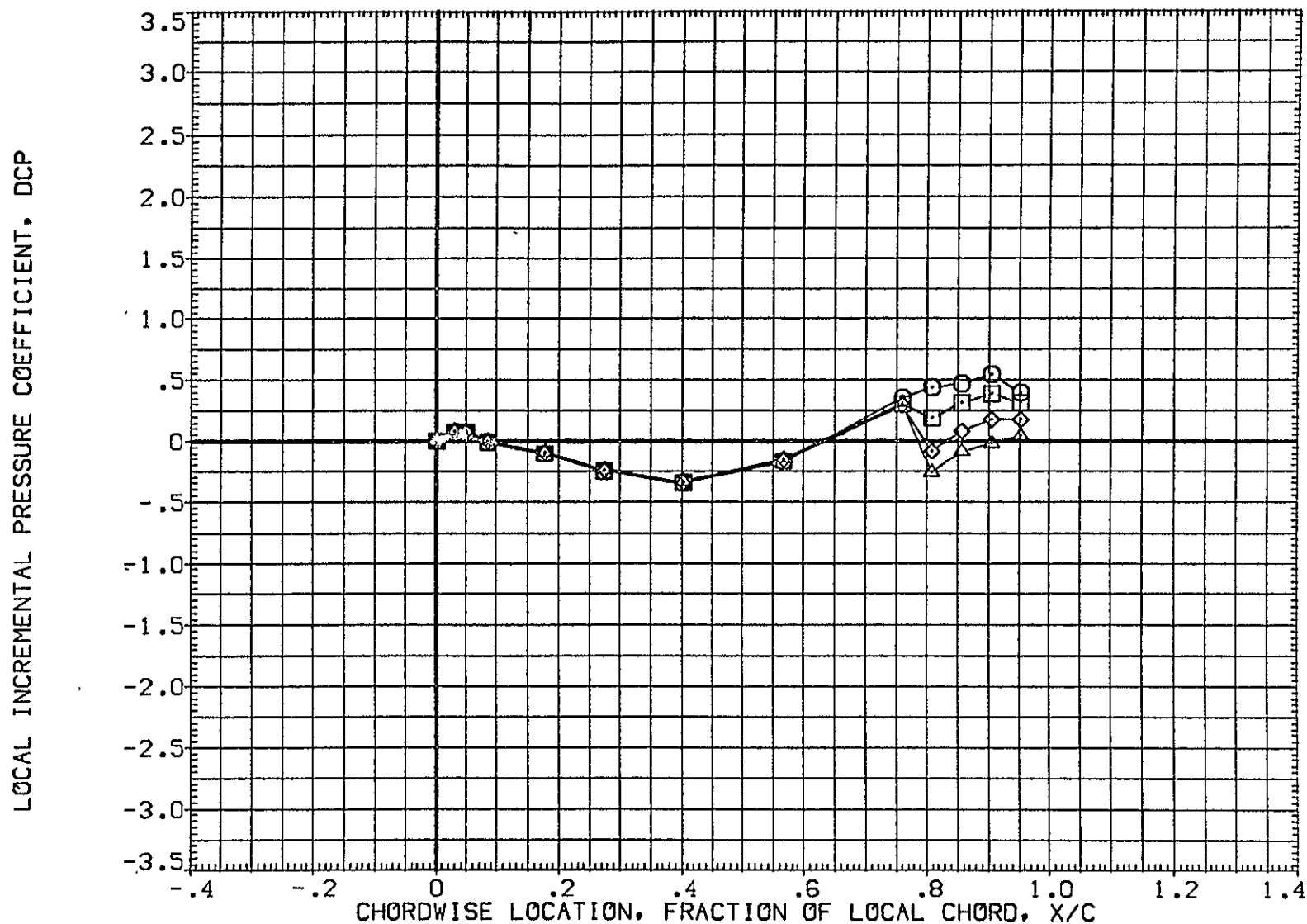


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

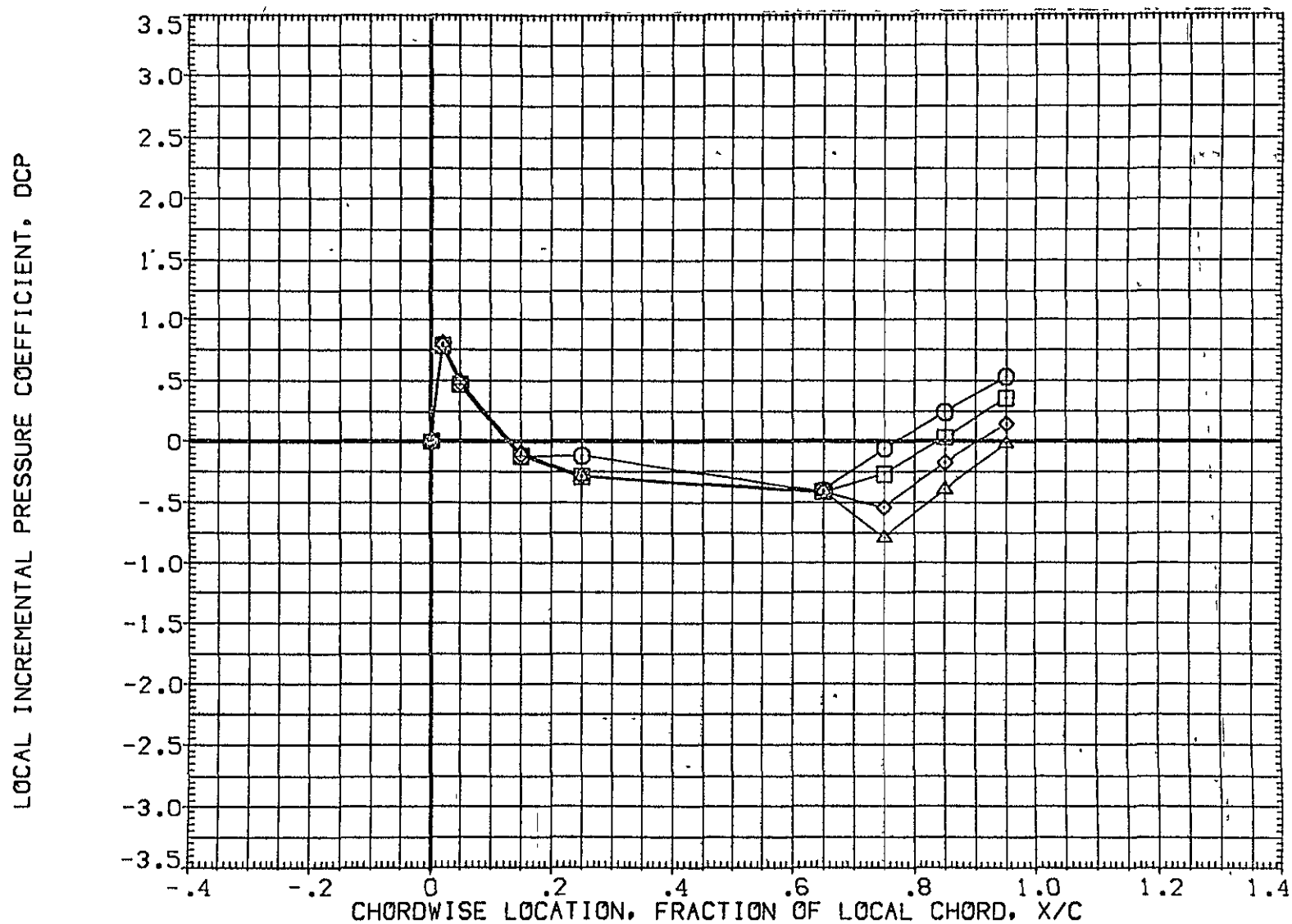


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

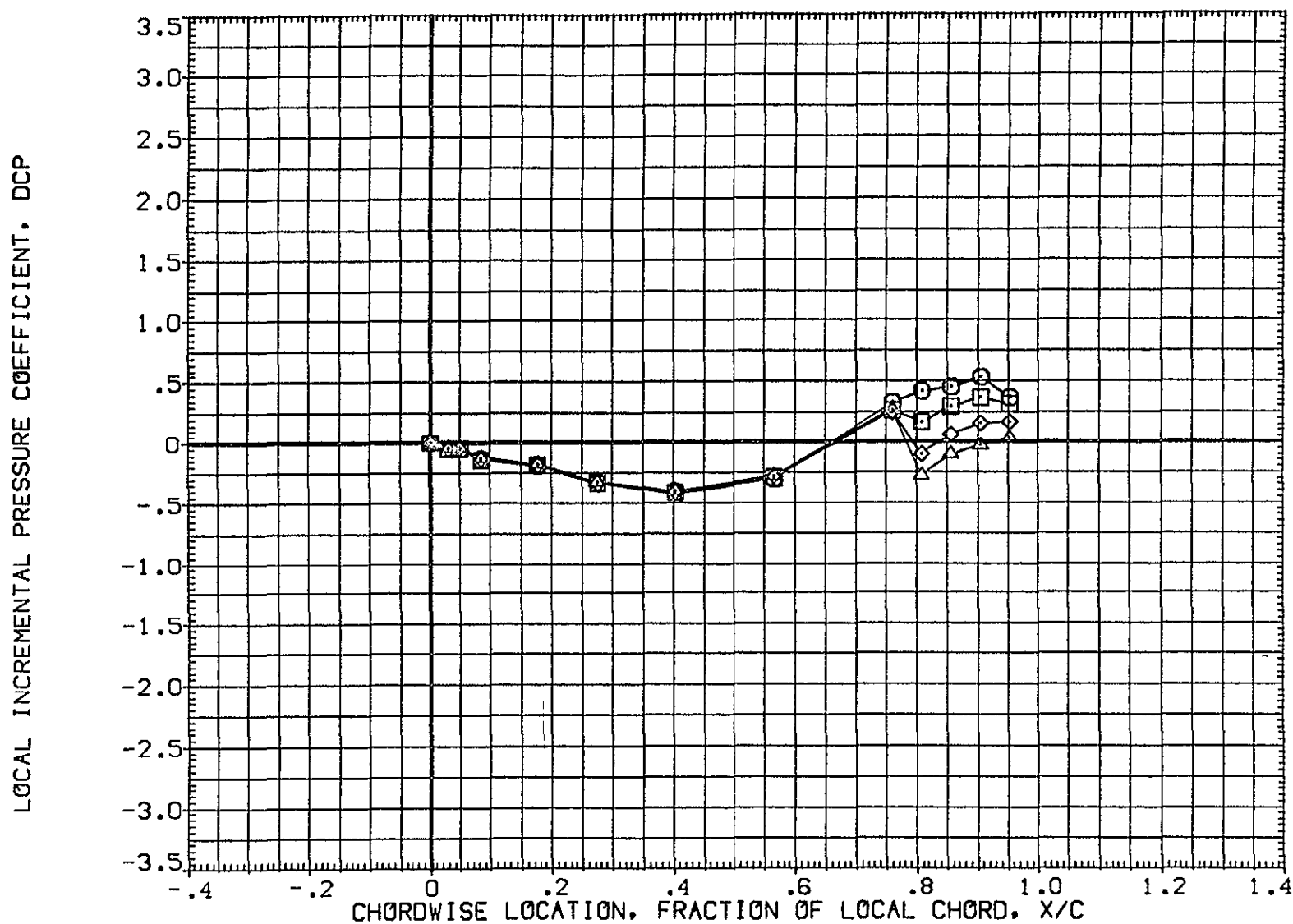


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

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DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	○	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	□	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	◇	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	△	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

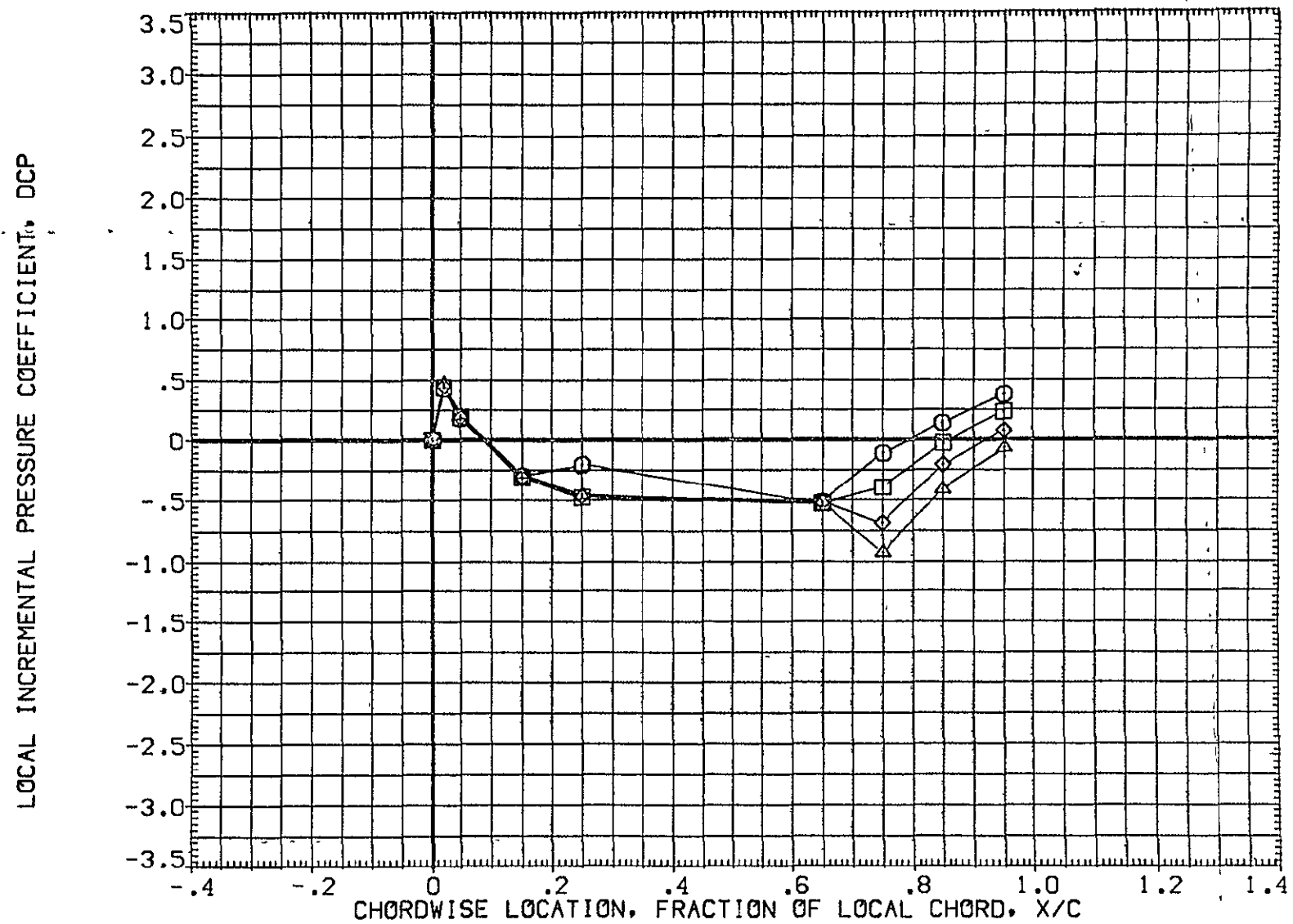


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 2.000 2Y/B = .771 PAGE 1036

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

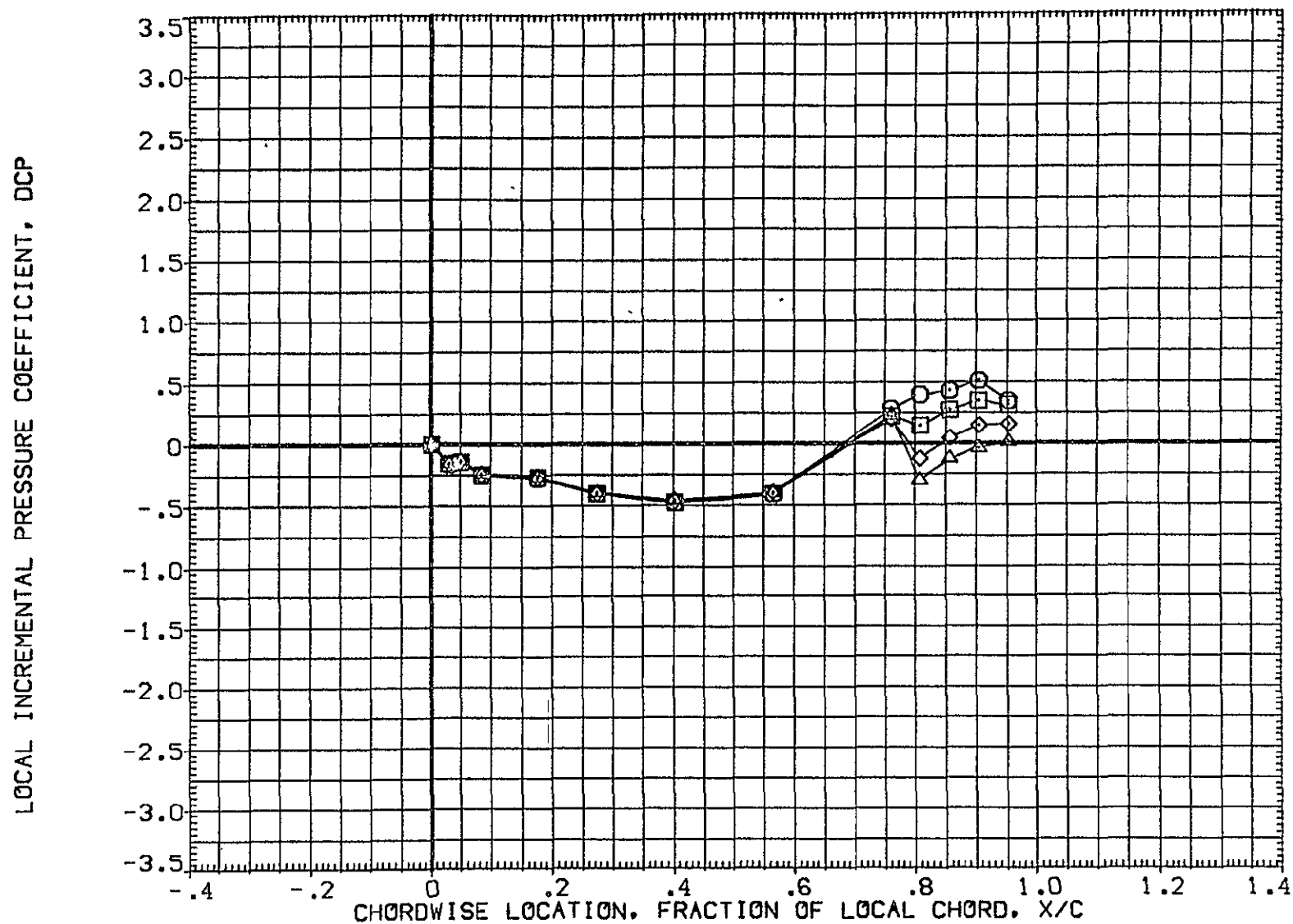


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 1037

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

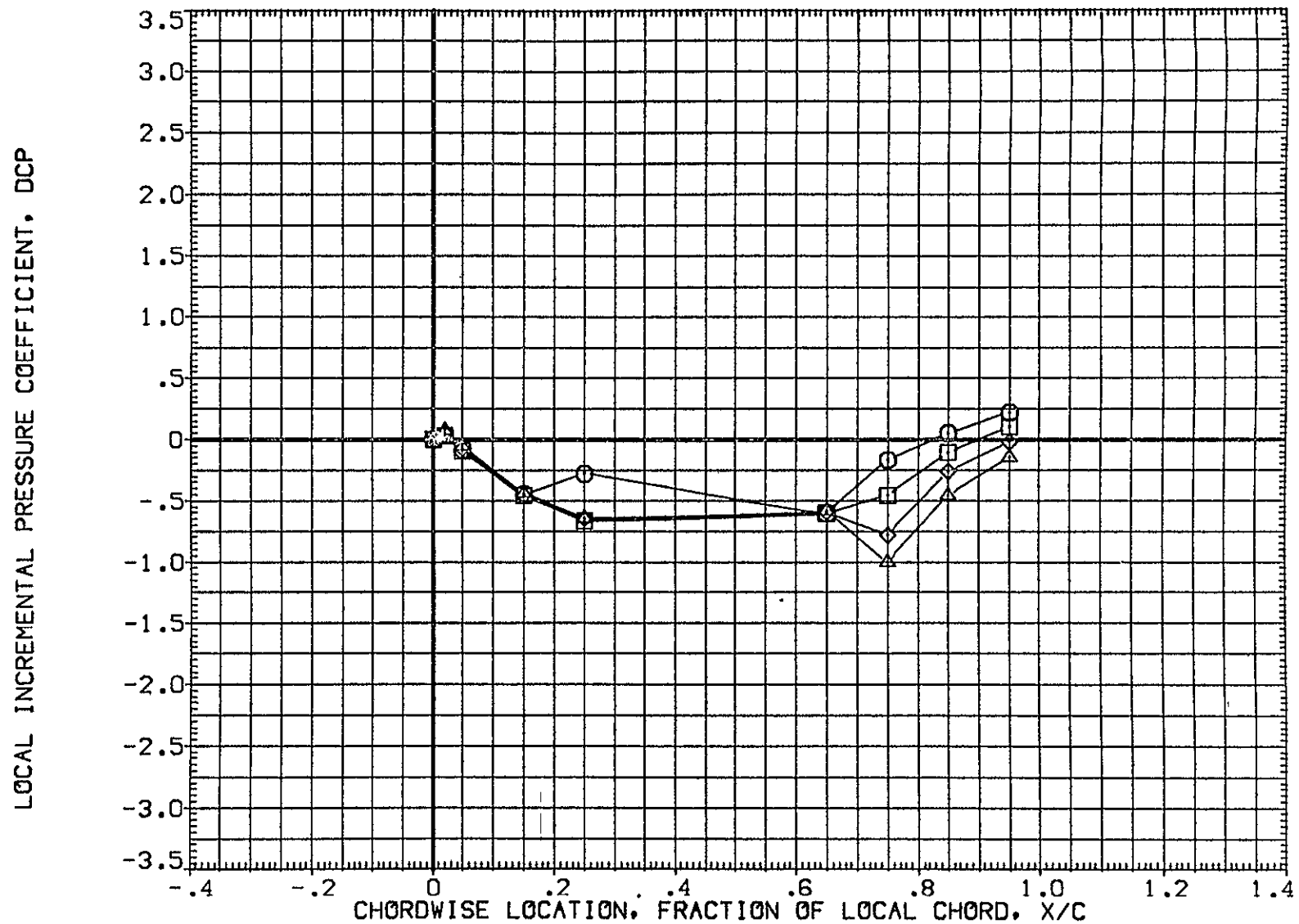


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	○	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	□	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	◇	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	△	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

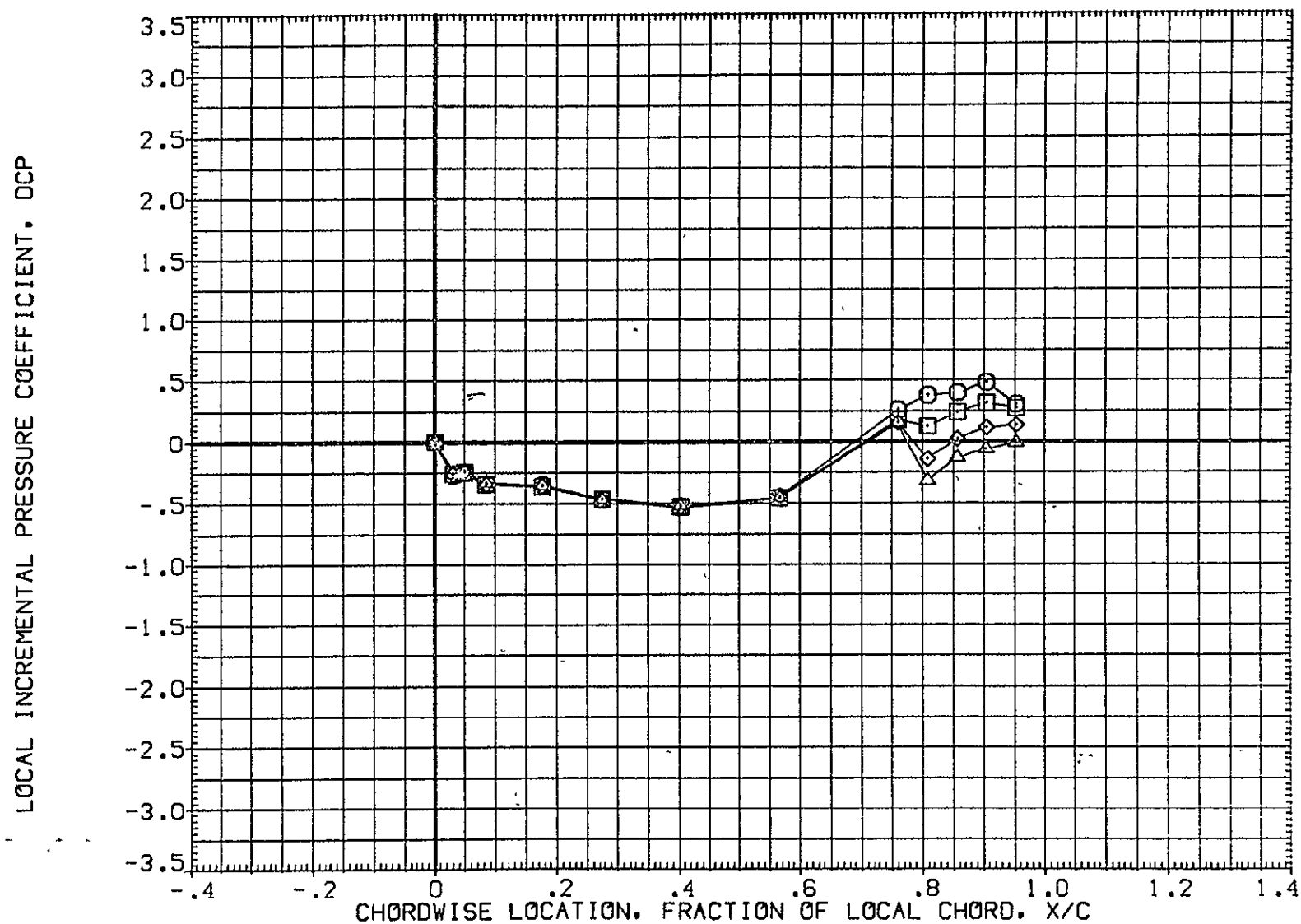


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 1039



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

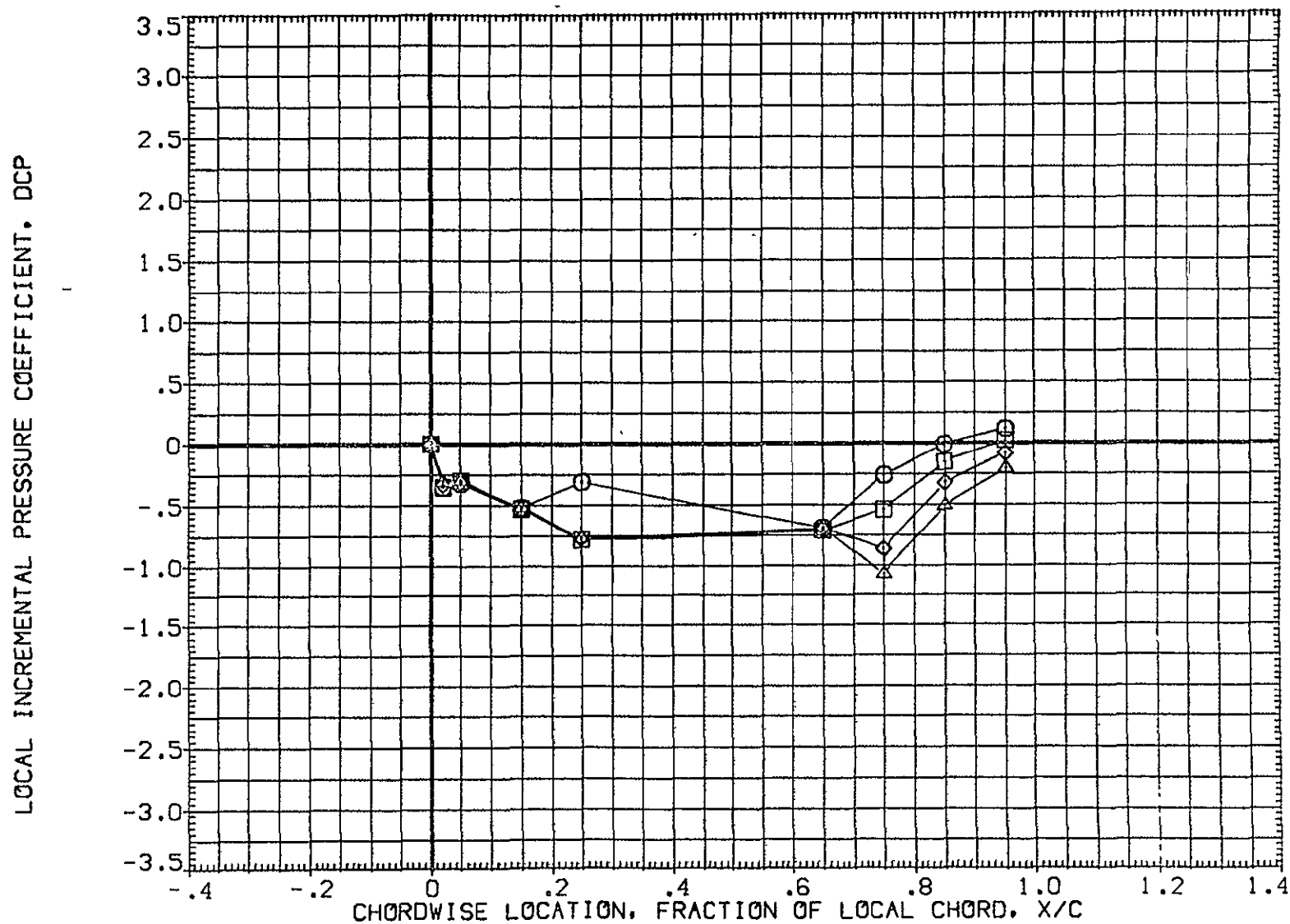


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 1040

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	○	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	□	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	◇	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	△	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

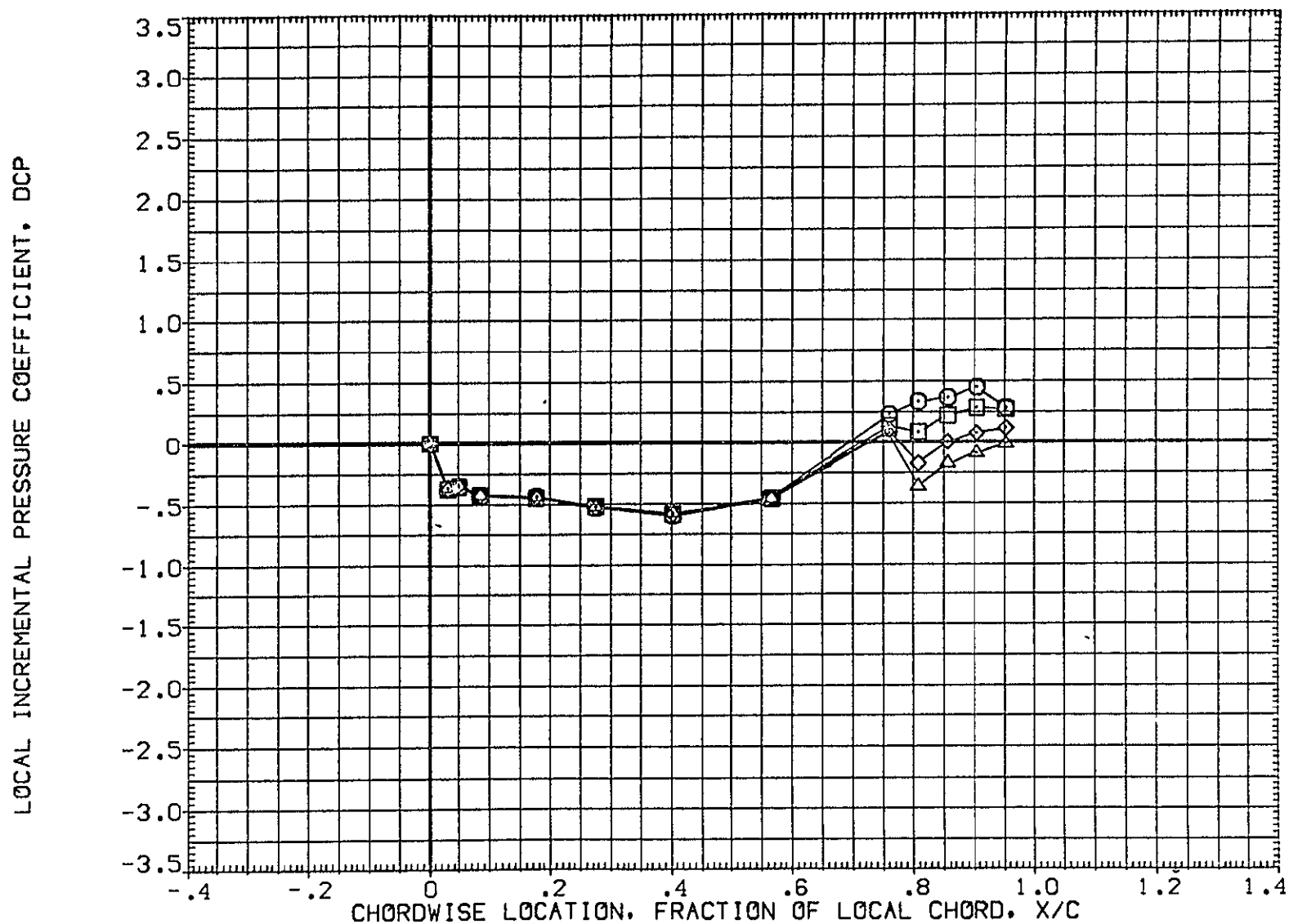


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 1041

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

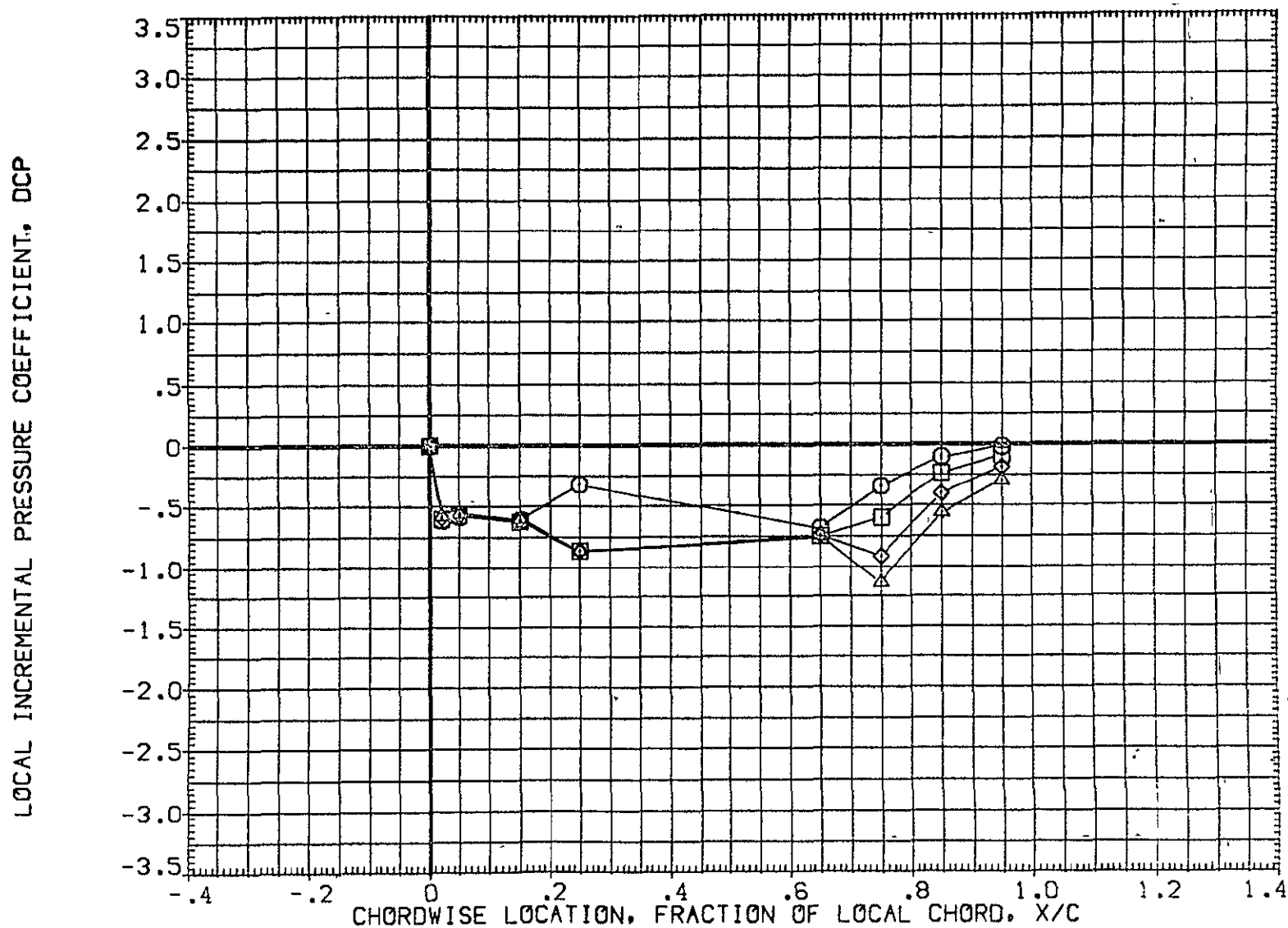


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

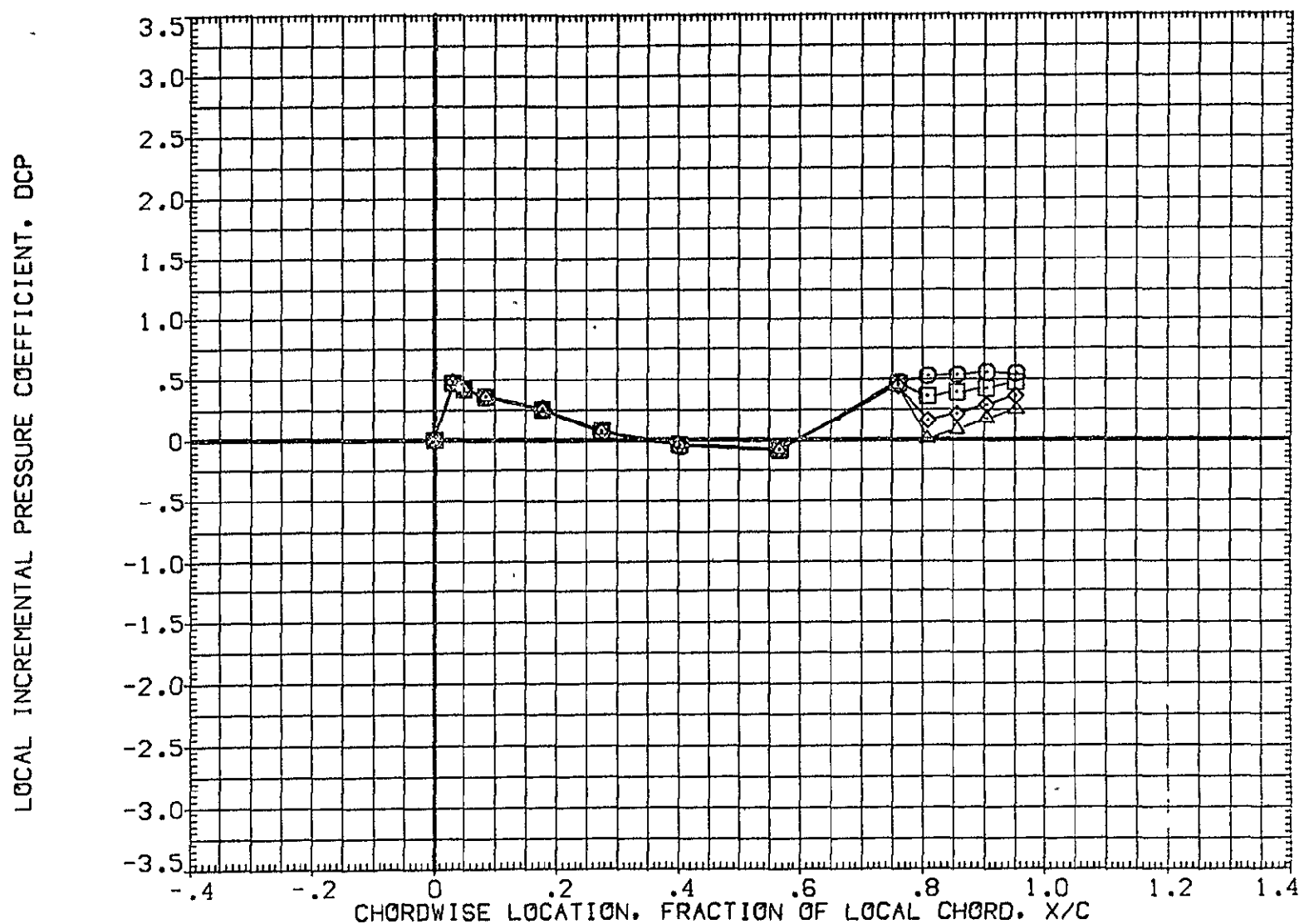


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

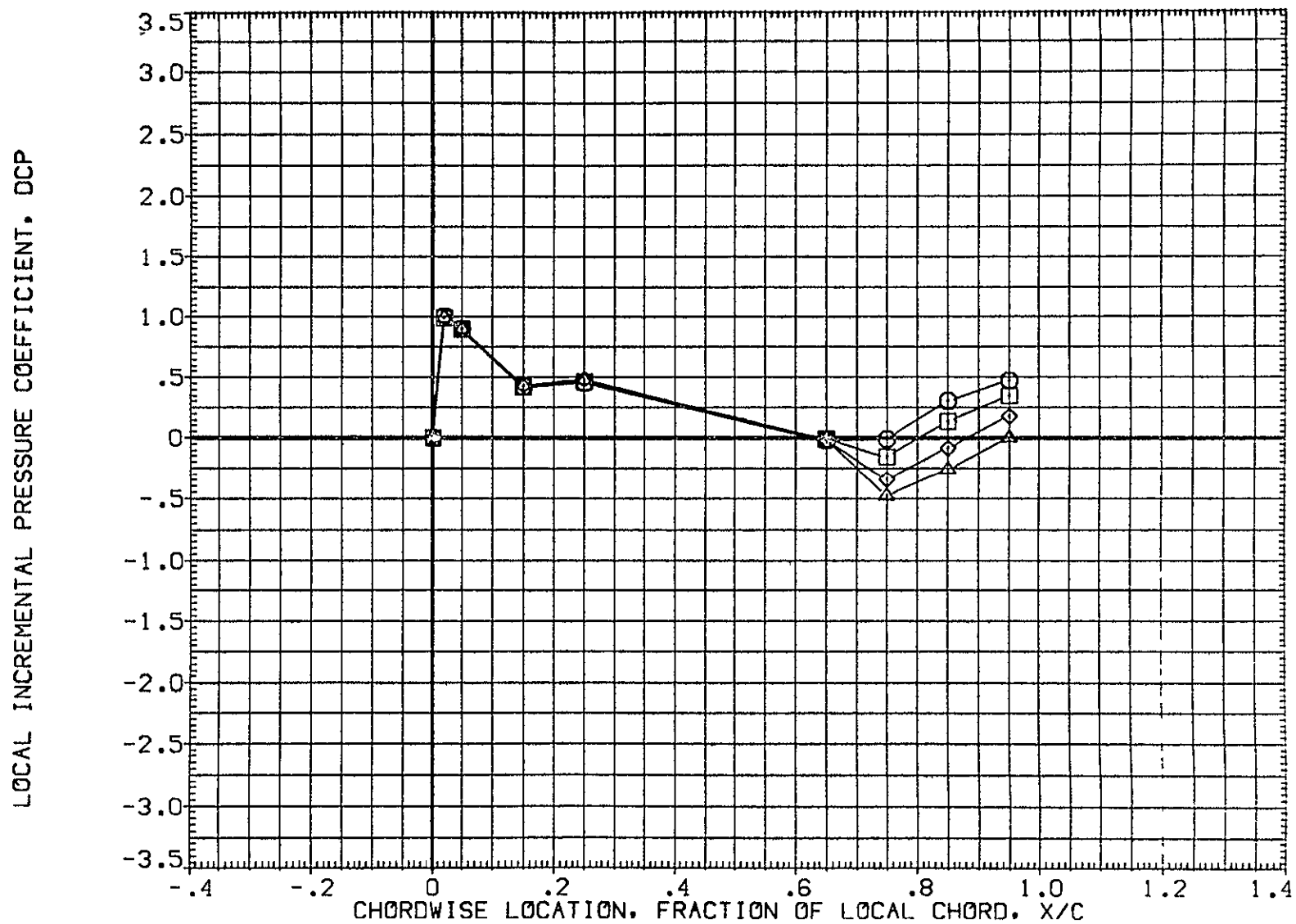


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -8.000 2Y/B = .771 PAGE 1044

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

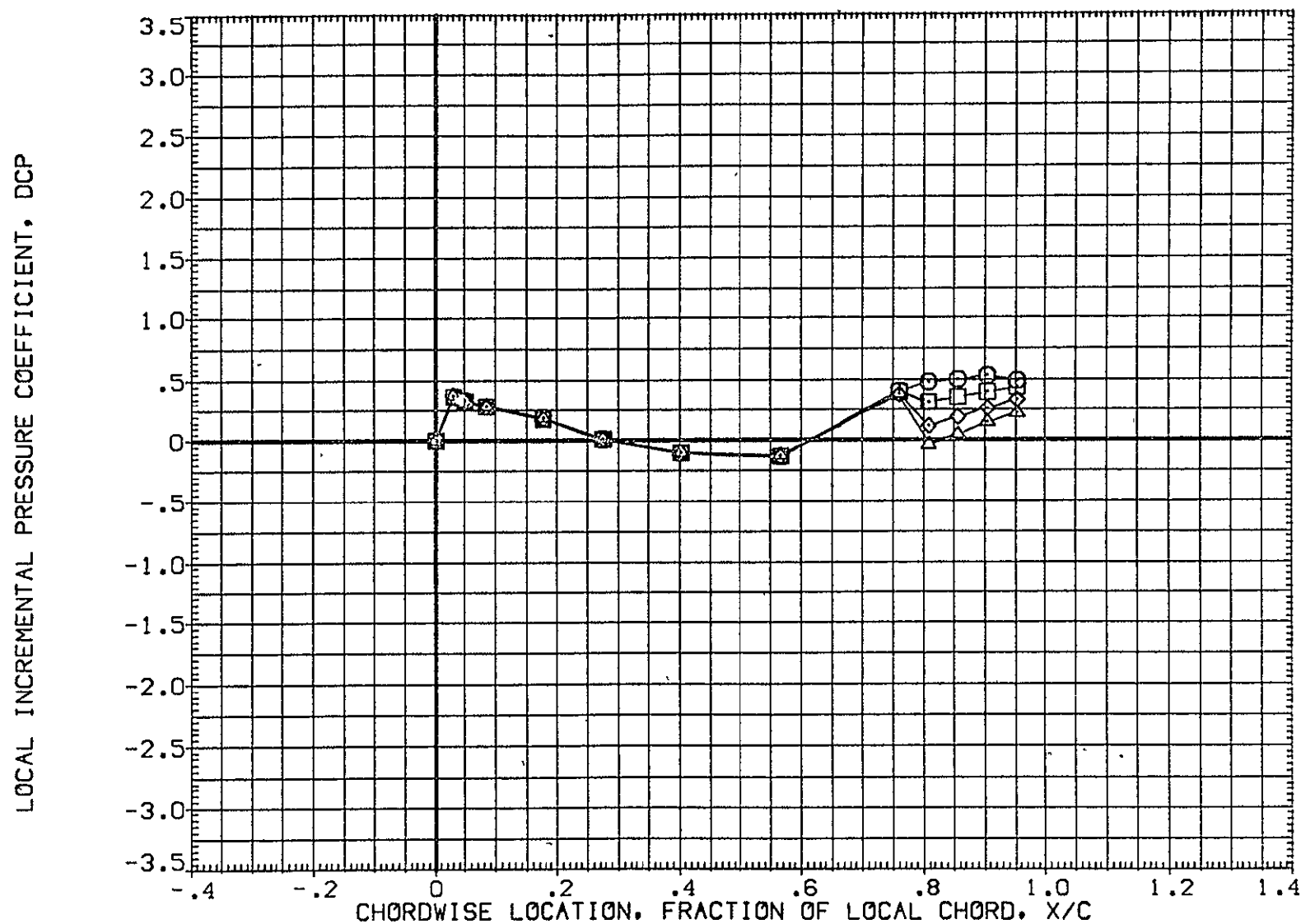


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -6.000 2Y/B = .436 PAGE 1045

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046] ○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051] □	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056] ◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061] △	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

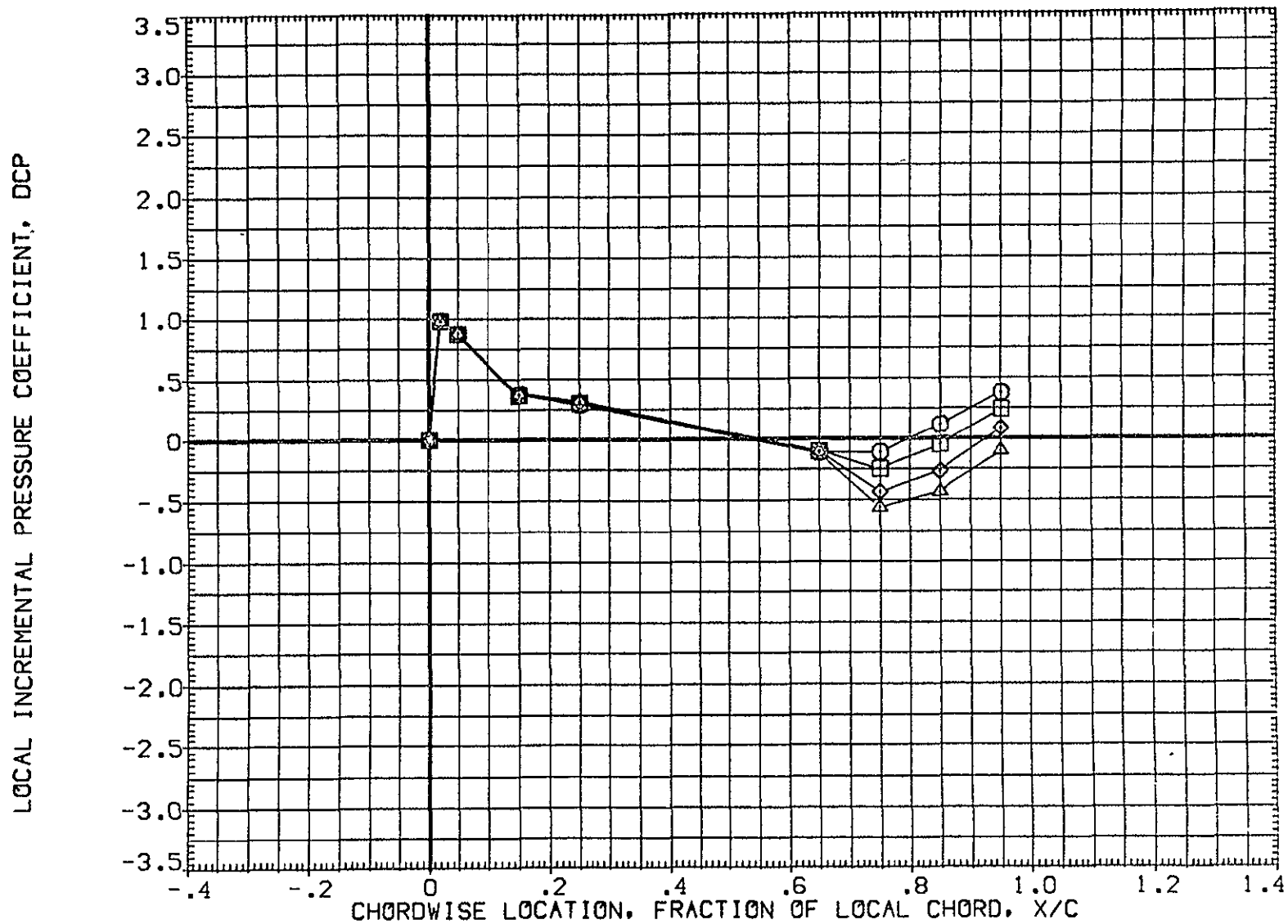


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

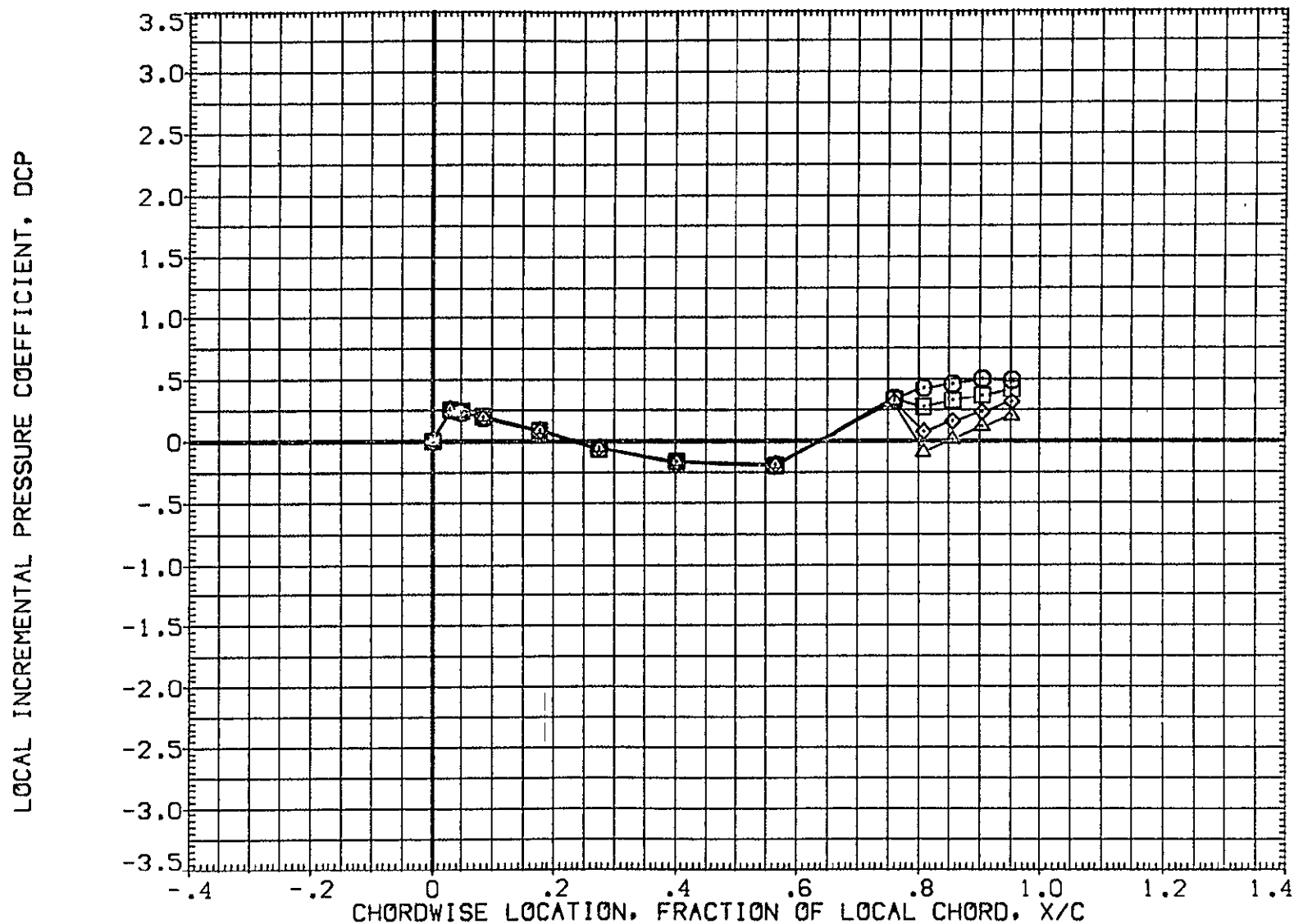


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7046 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{ AF7051 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{ AF7056 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{ AF7061 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

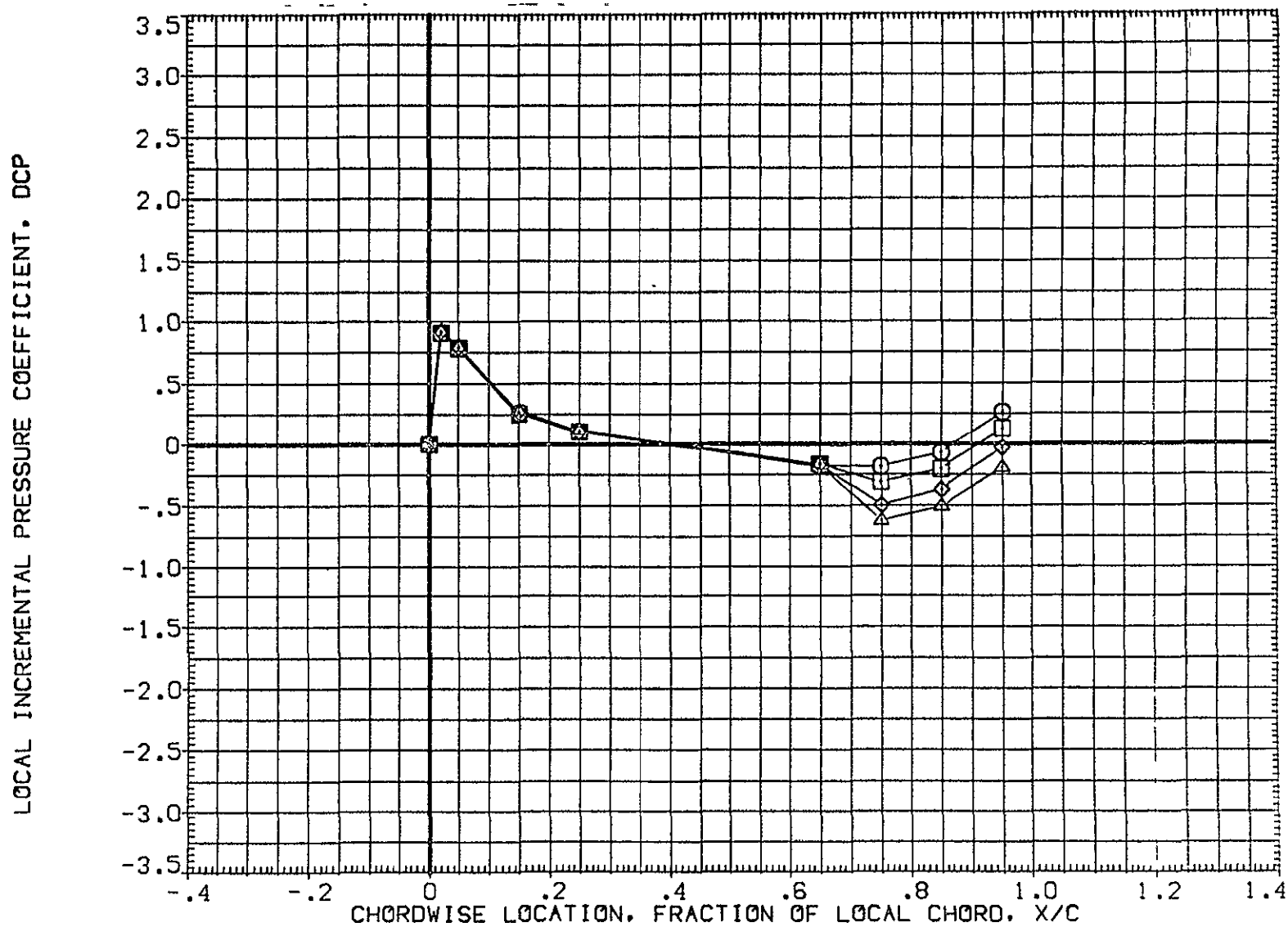


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

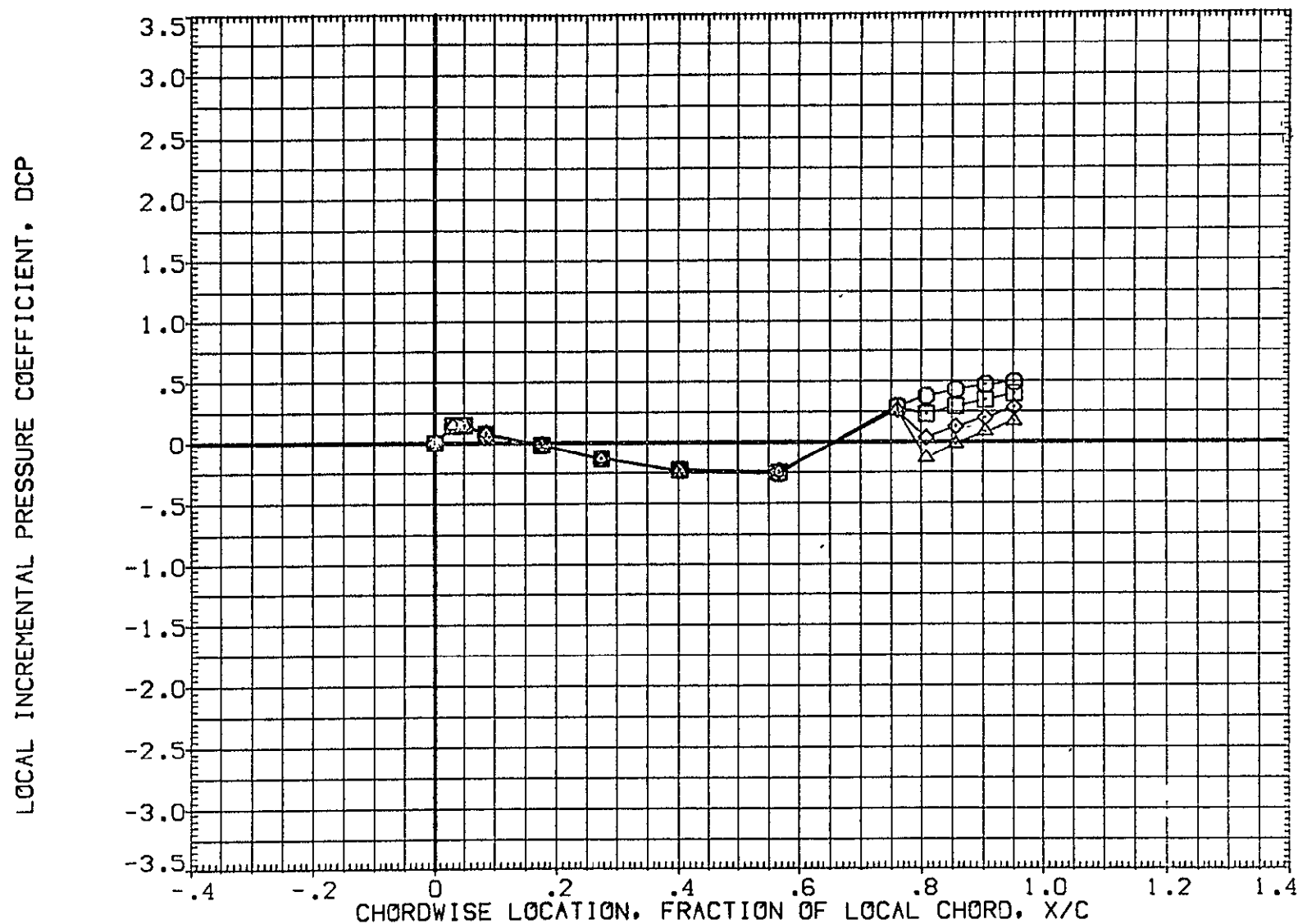


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = -2.000 2Y/B = .436 PAGE 1049

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

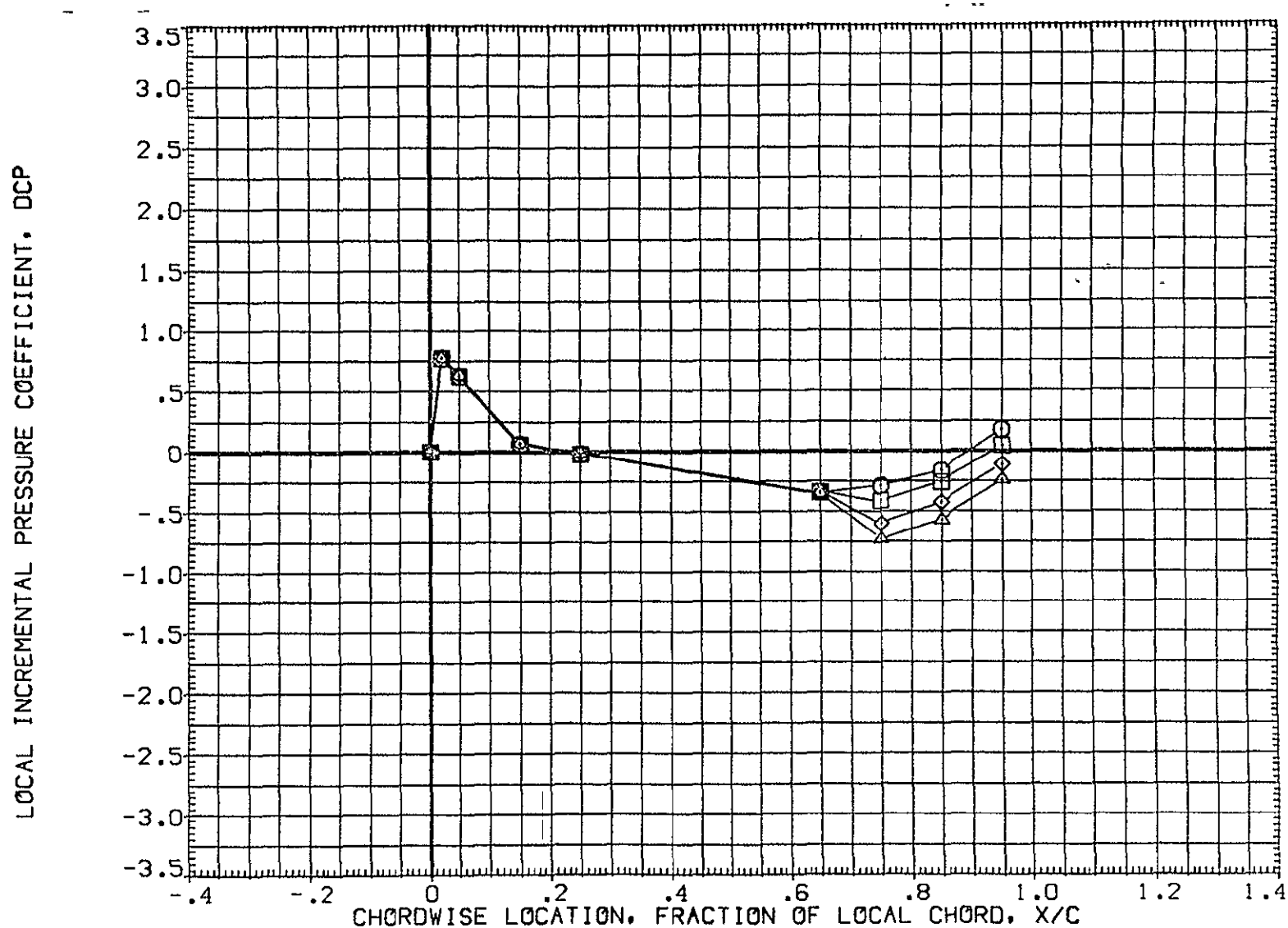


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

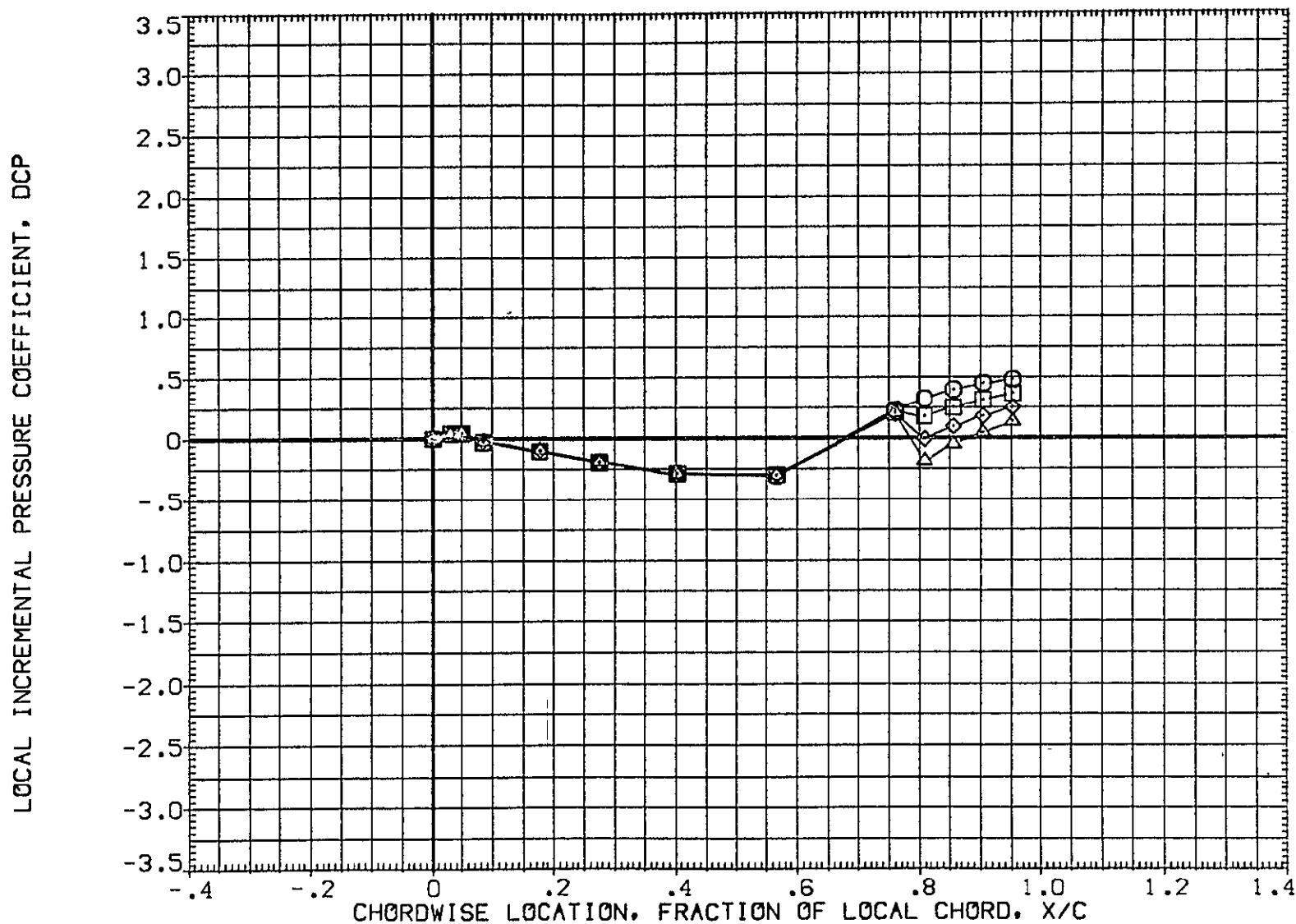


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

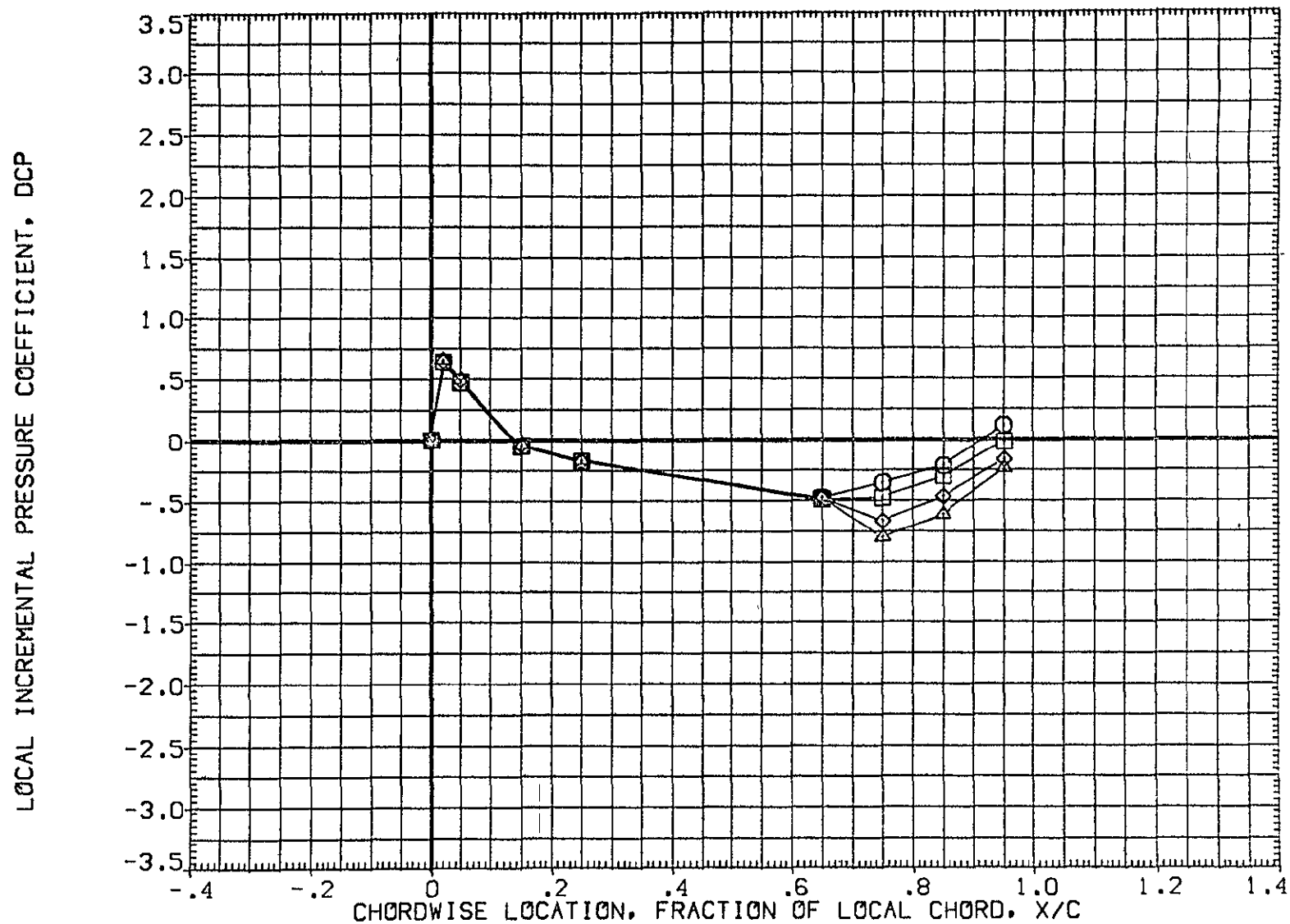


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

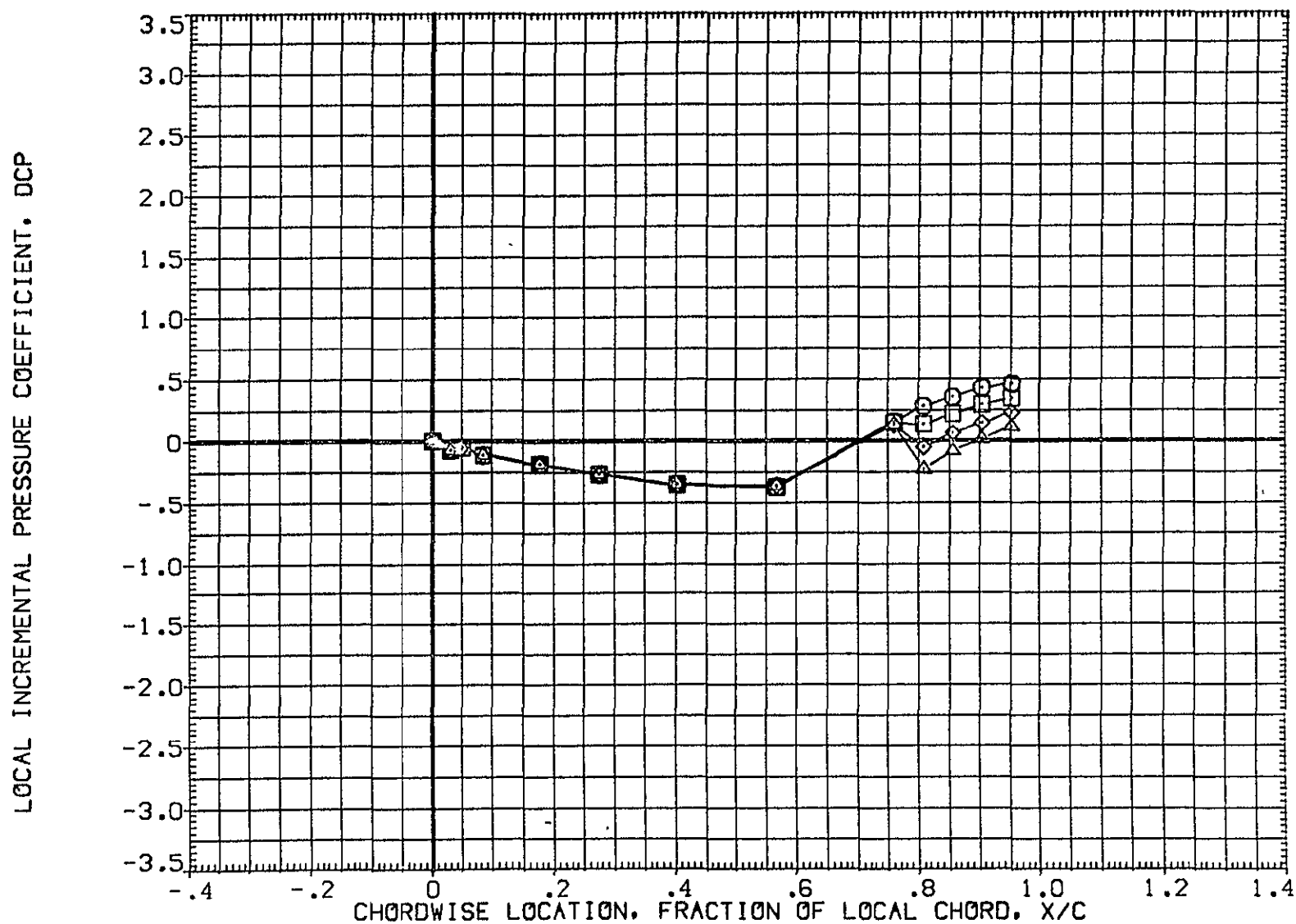


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 2.000 2Y/B = .436 PAGE 1053

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7046]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7051]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7056]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7061]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

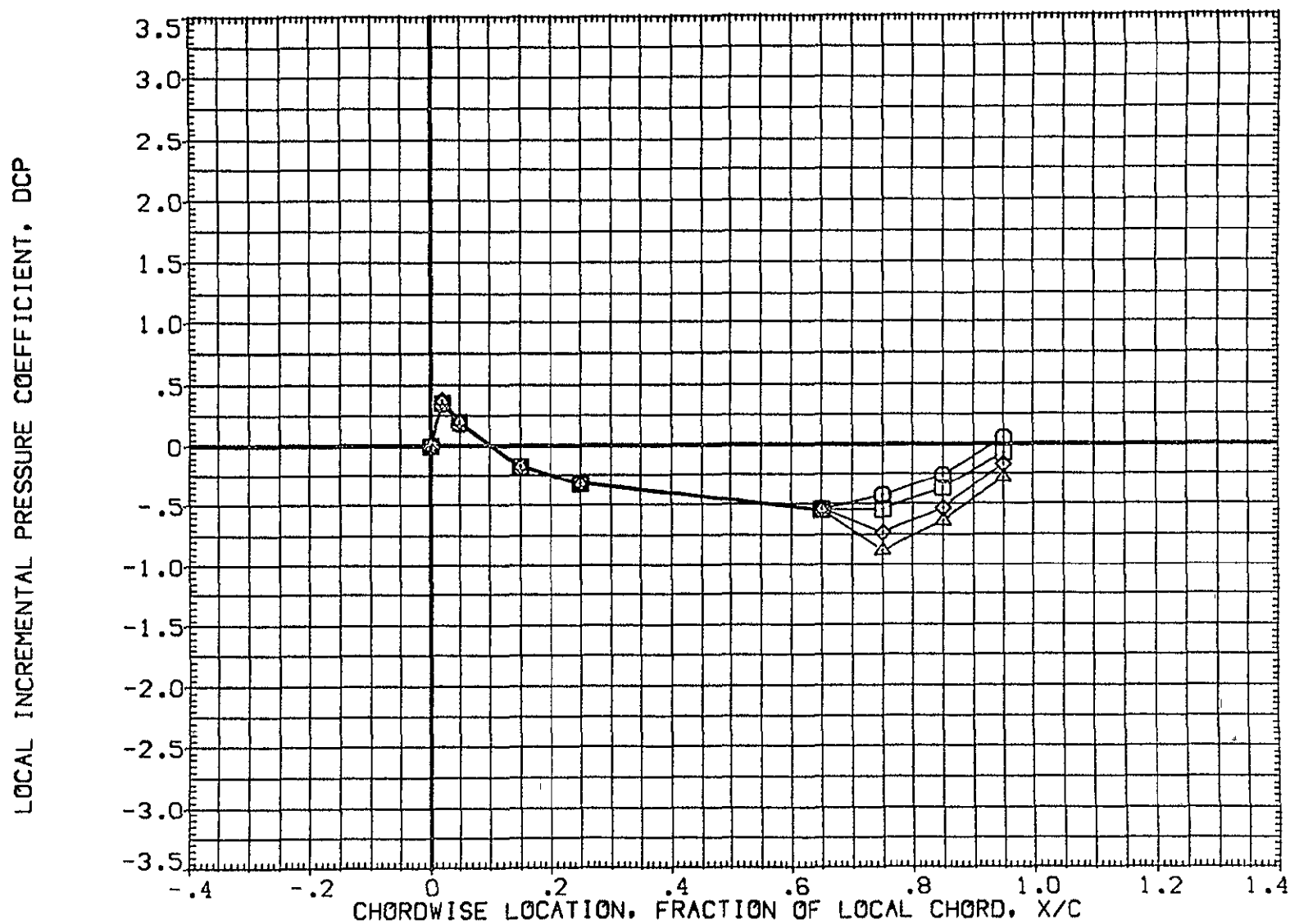


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

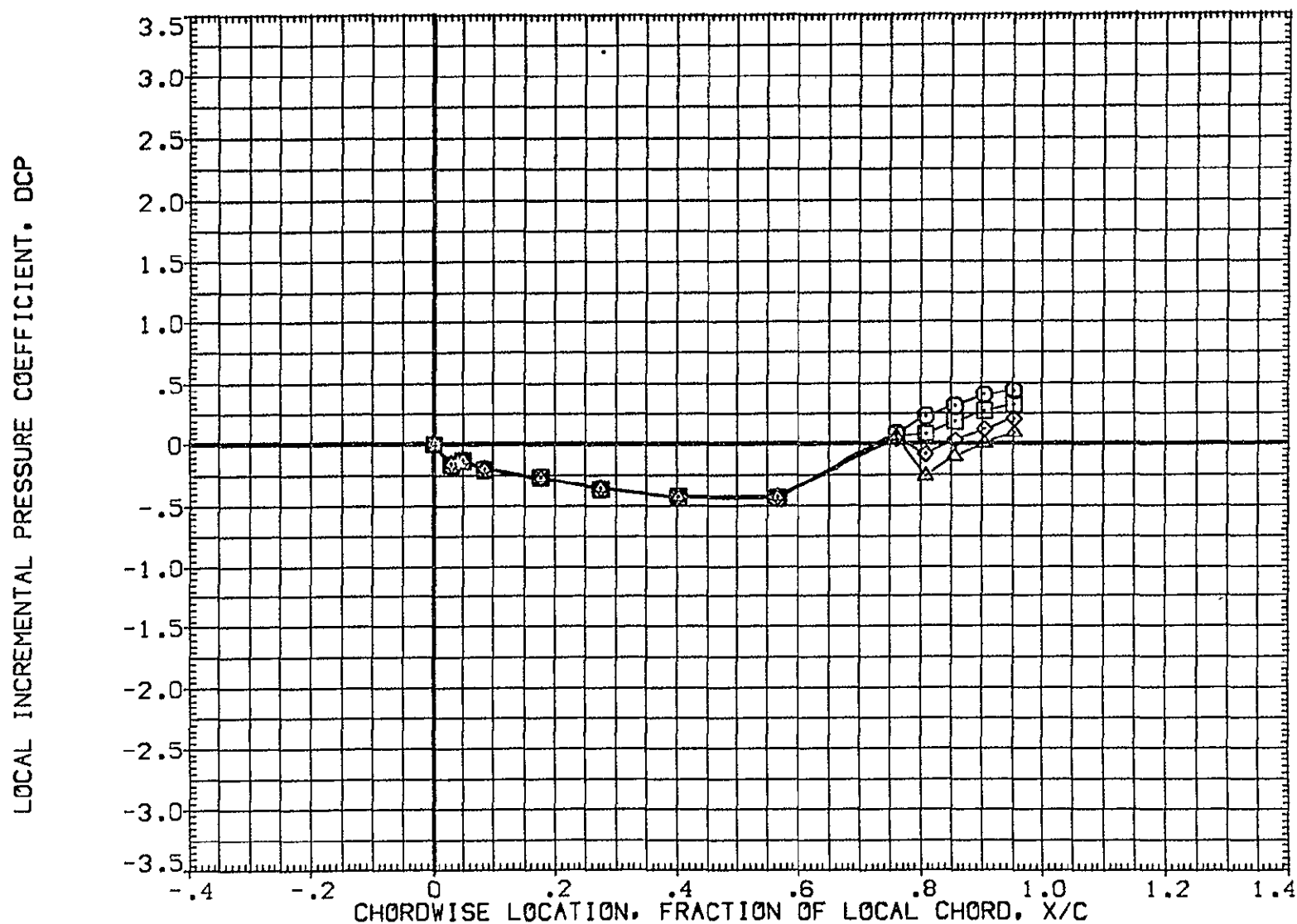


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .436

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DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	○	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	□	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	◇	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	△	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

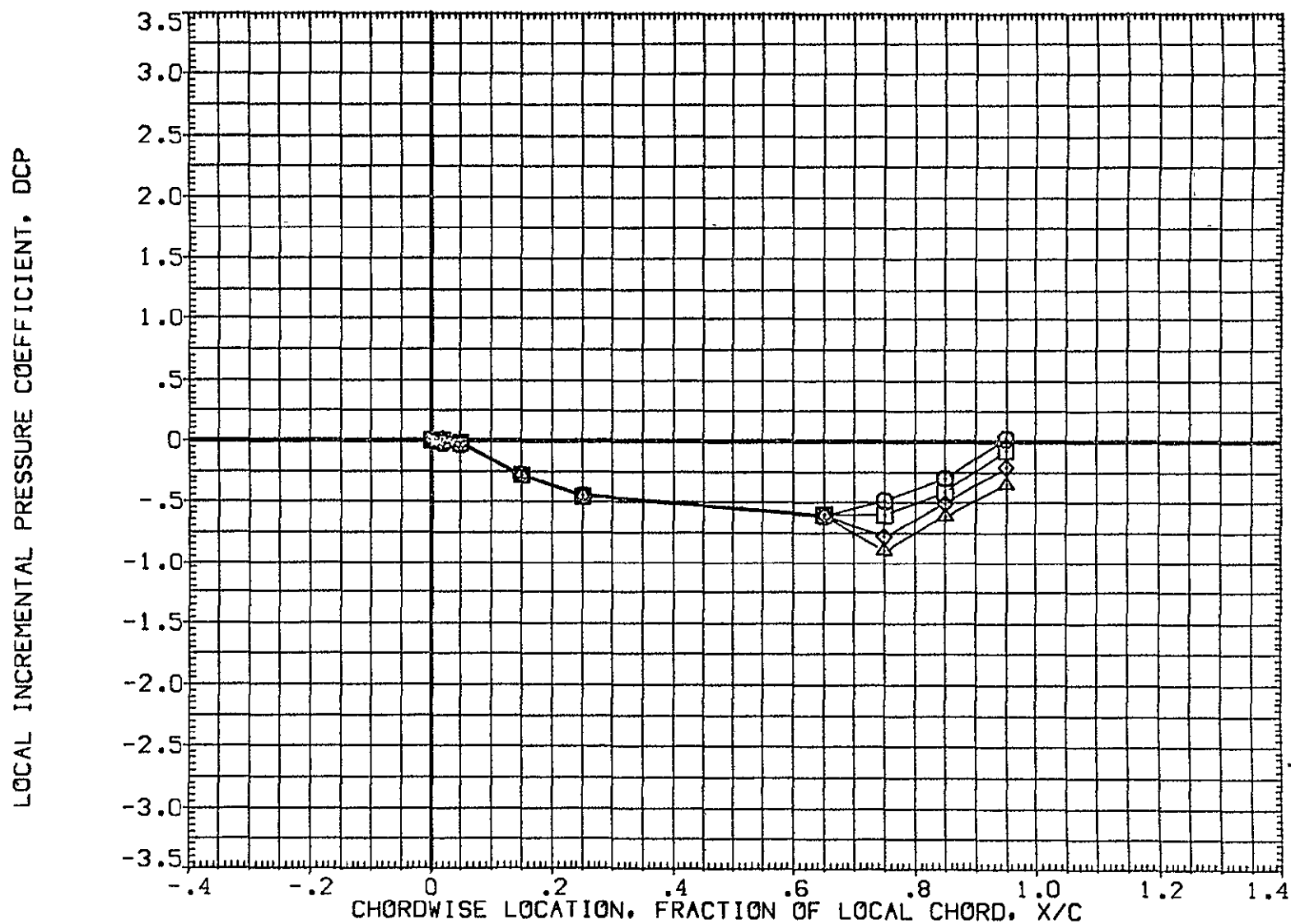


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7046)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7051)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7056)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7061)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

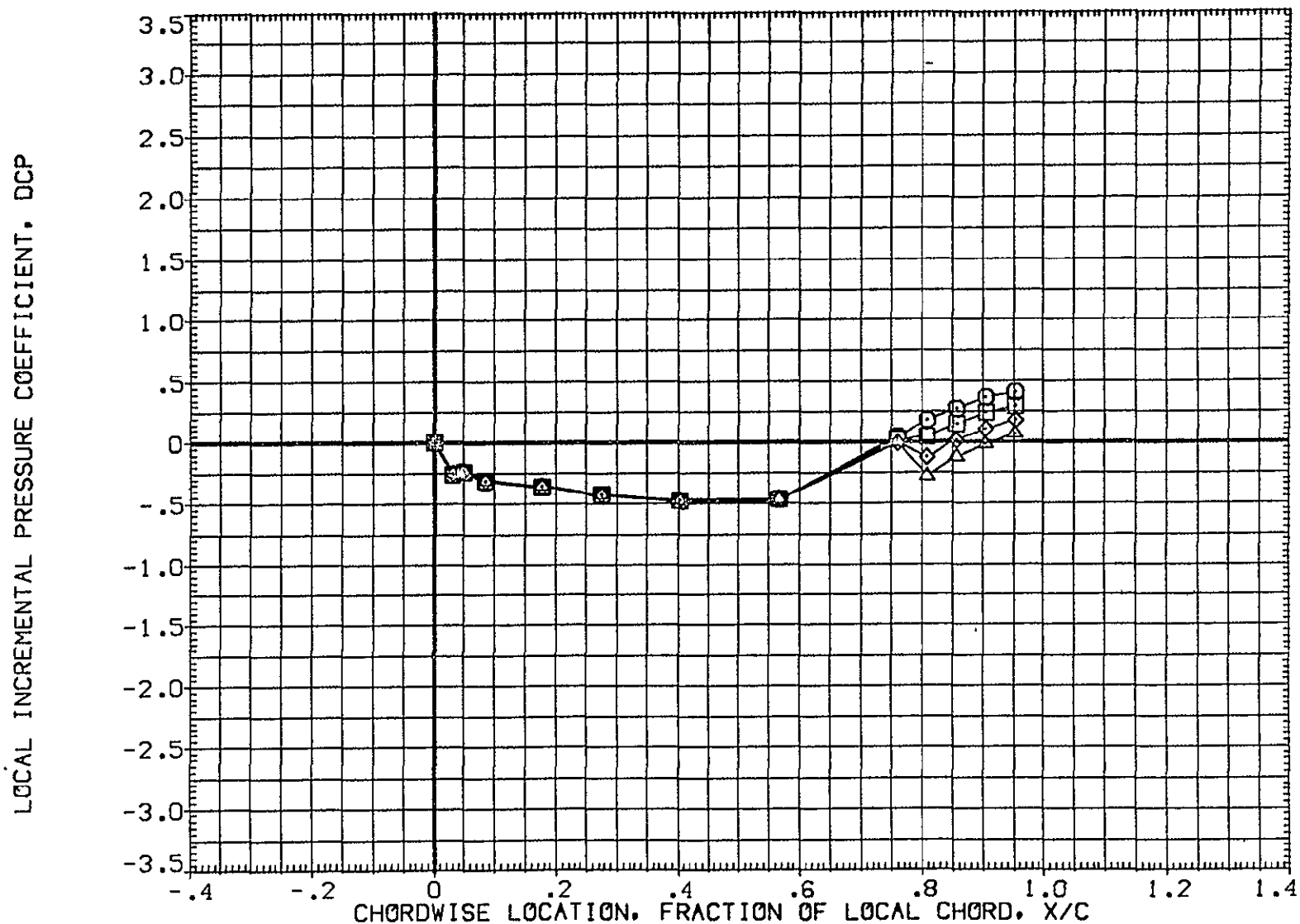


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 6.000 2Y/B = .436 PAGE 1057

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

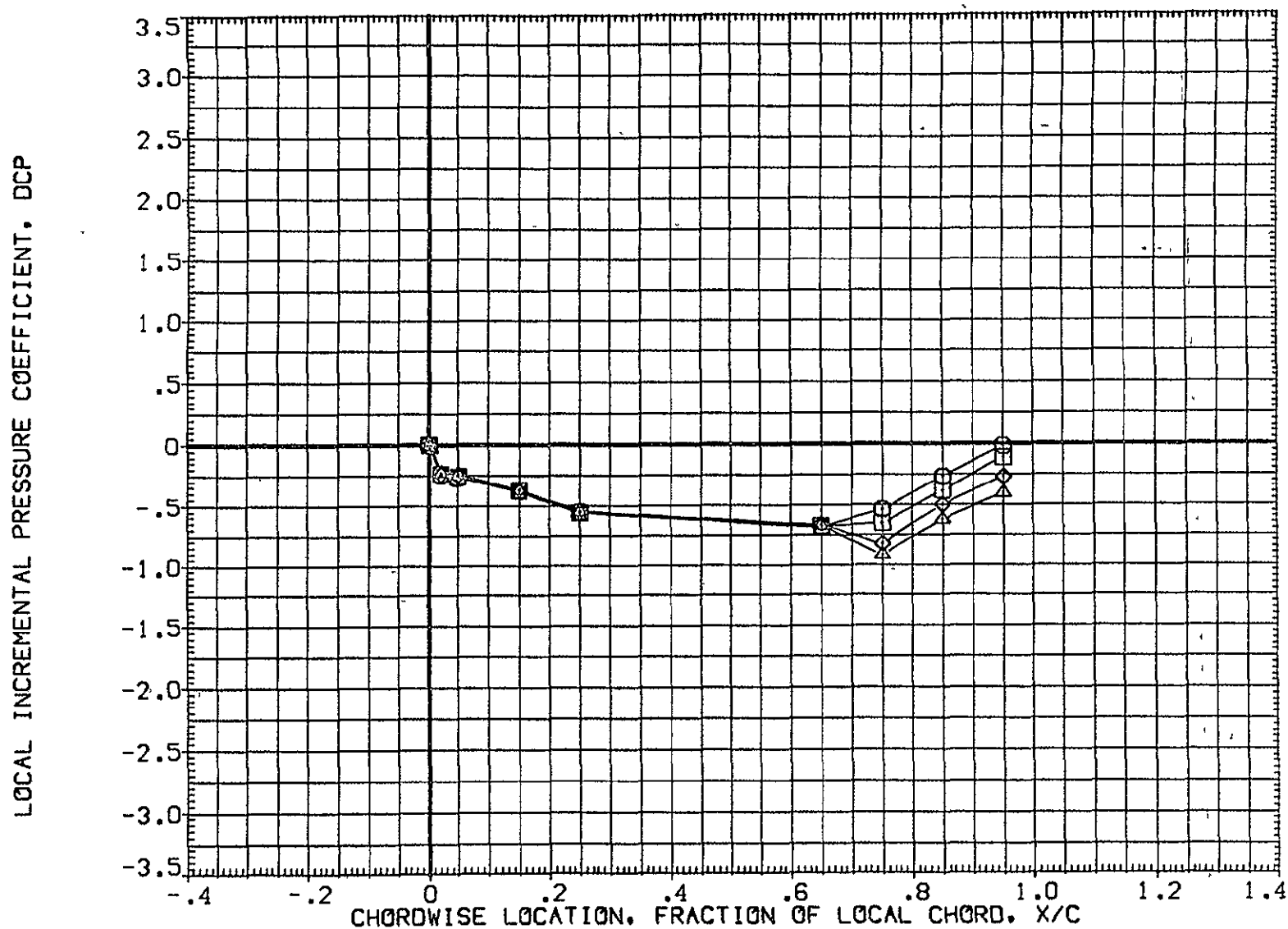


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 6.000 2Y/B = .771 PAGE 1058

DATA SET SYMBOL		CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

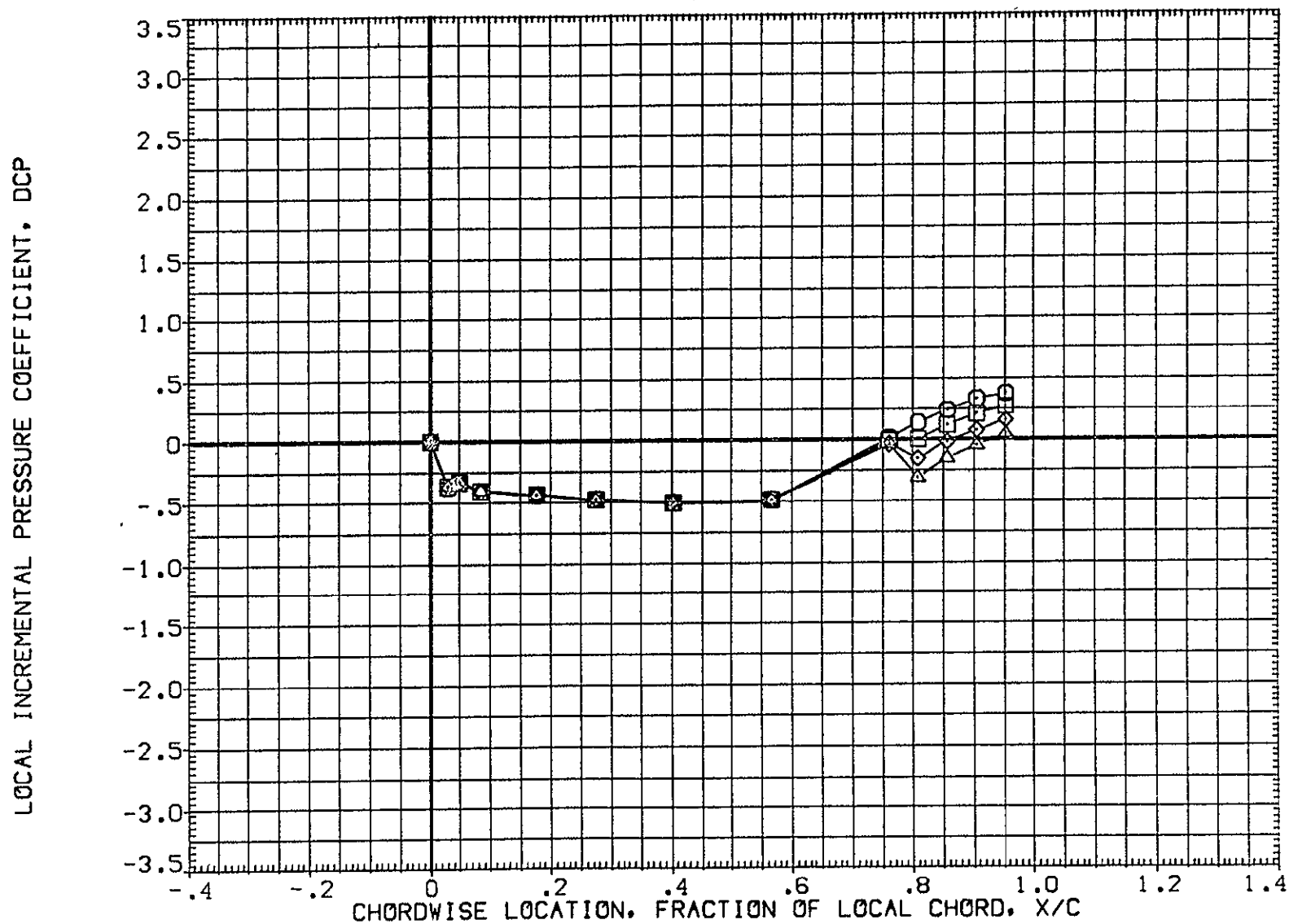


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4  
MACH = 1.500 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7046}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7051}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7056}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7061}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

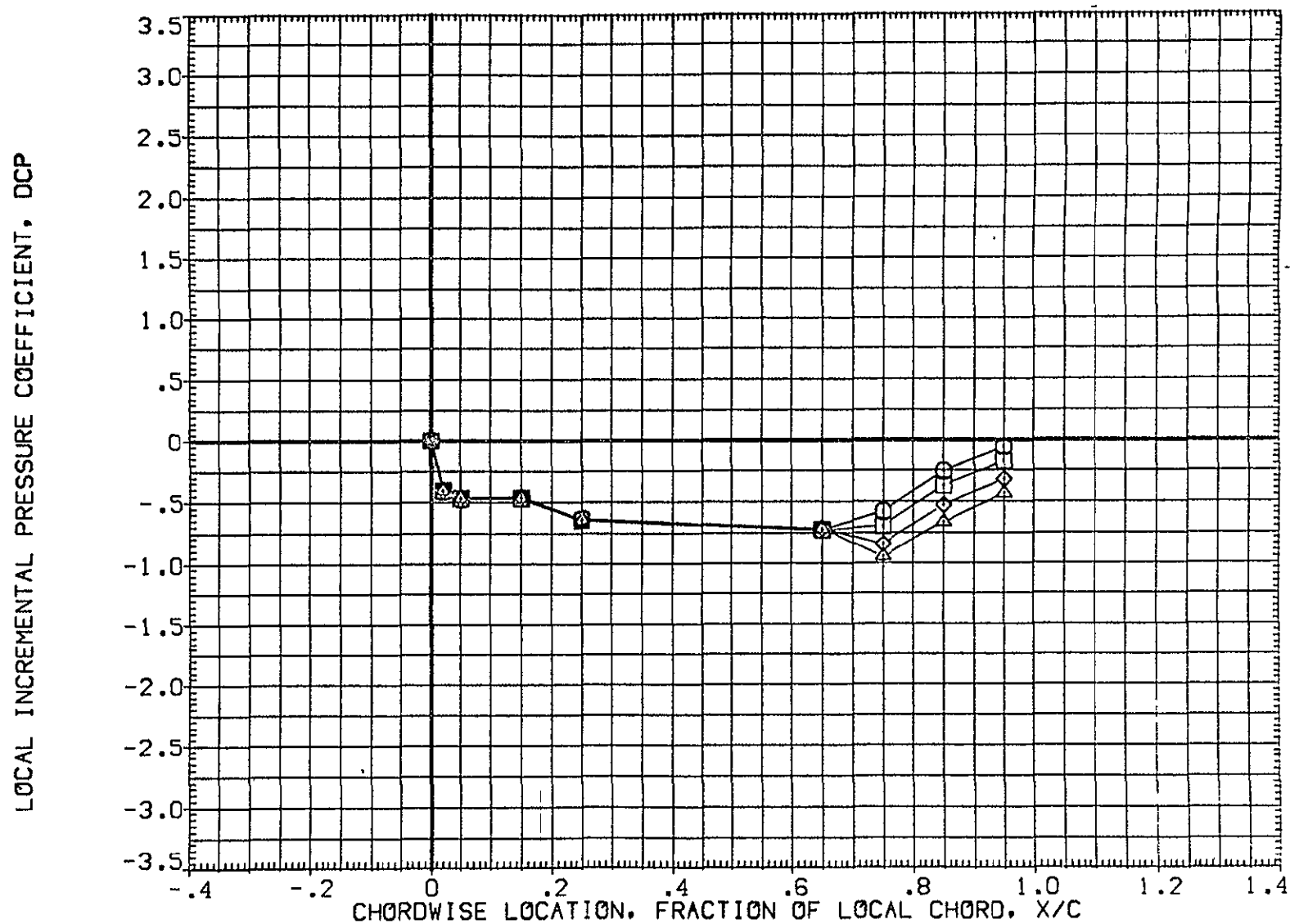


FIG 28 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -4

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U55}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

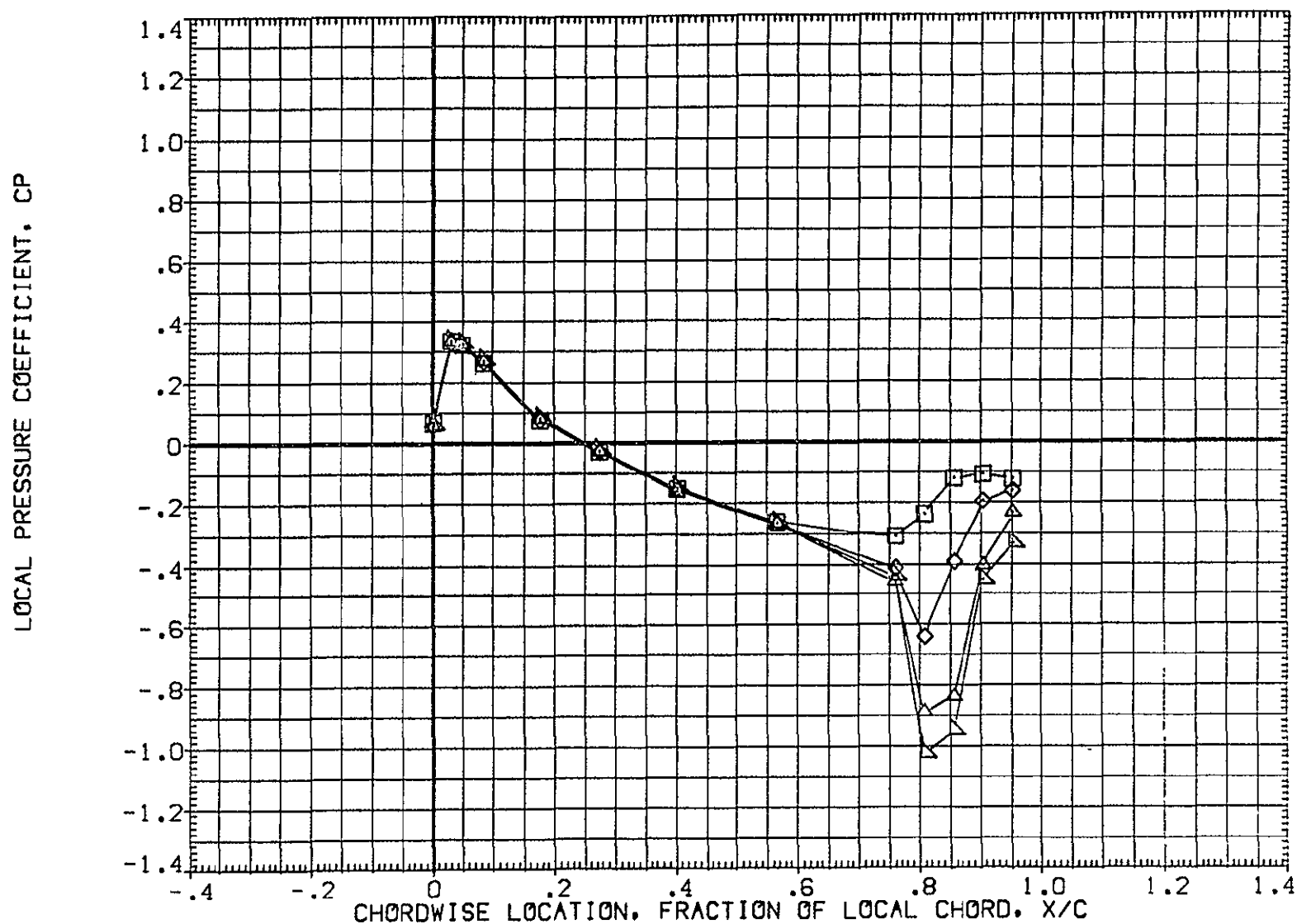


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -8.000 2Y/B = .436 PAGE 1061

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

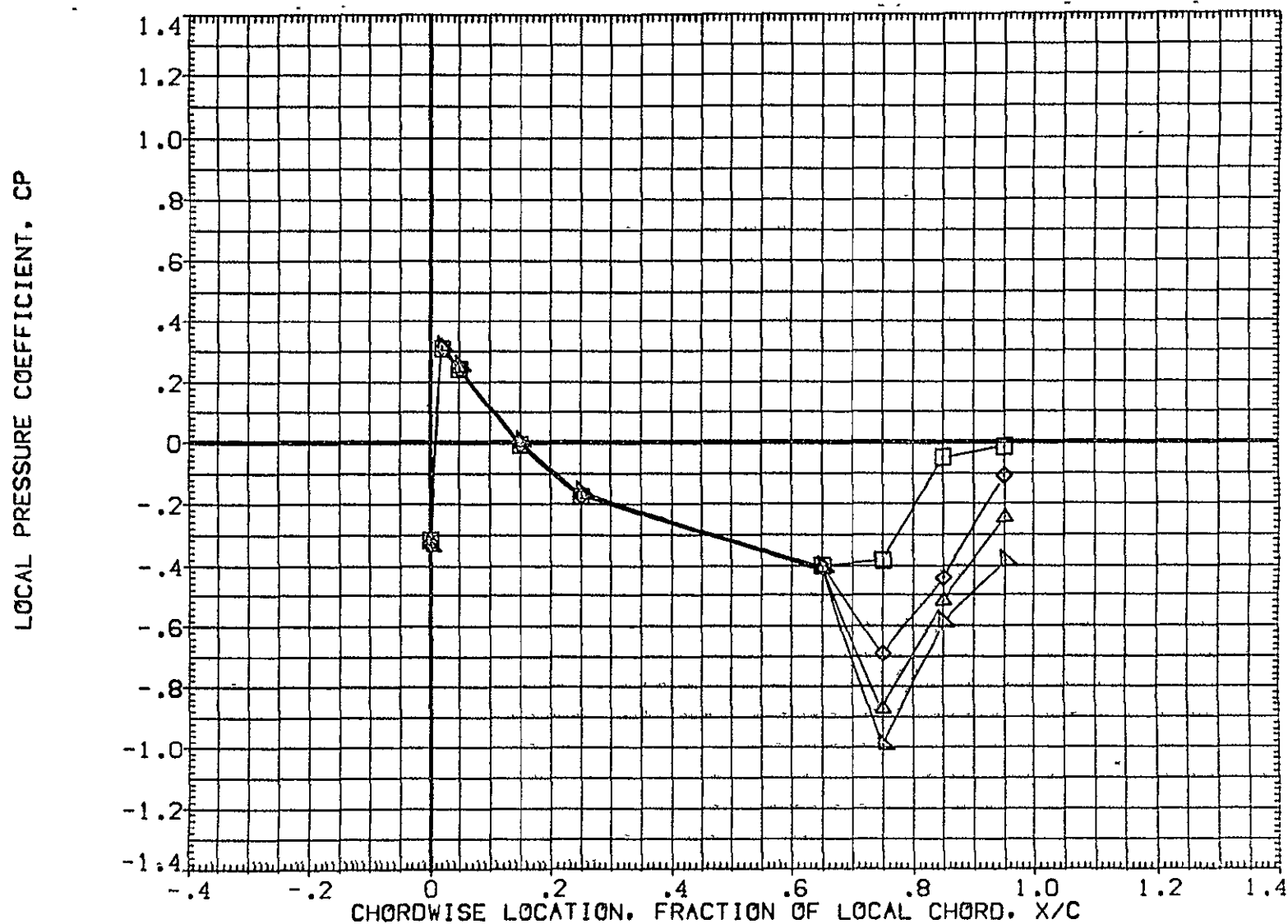


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -8.000 2Y/B = .771 PAGE 1062

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	□	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	▽	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

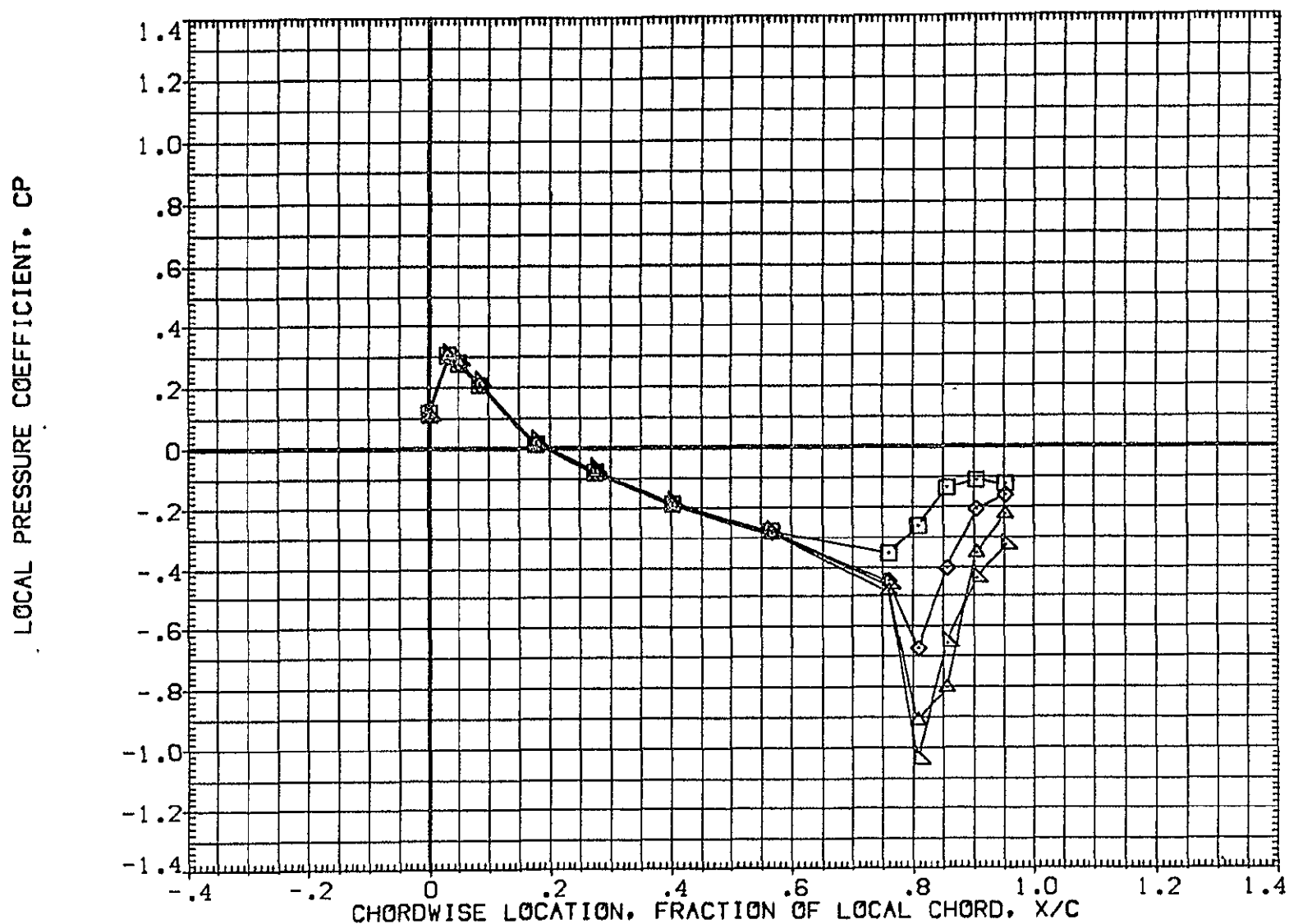


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -6.000 2Y/B = .436 PAGE 1063



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

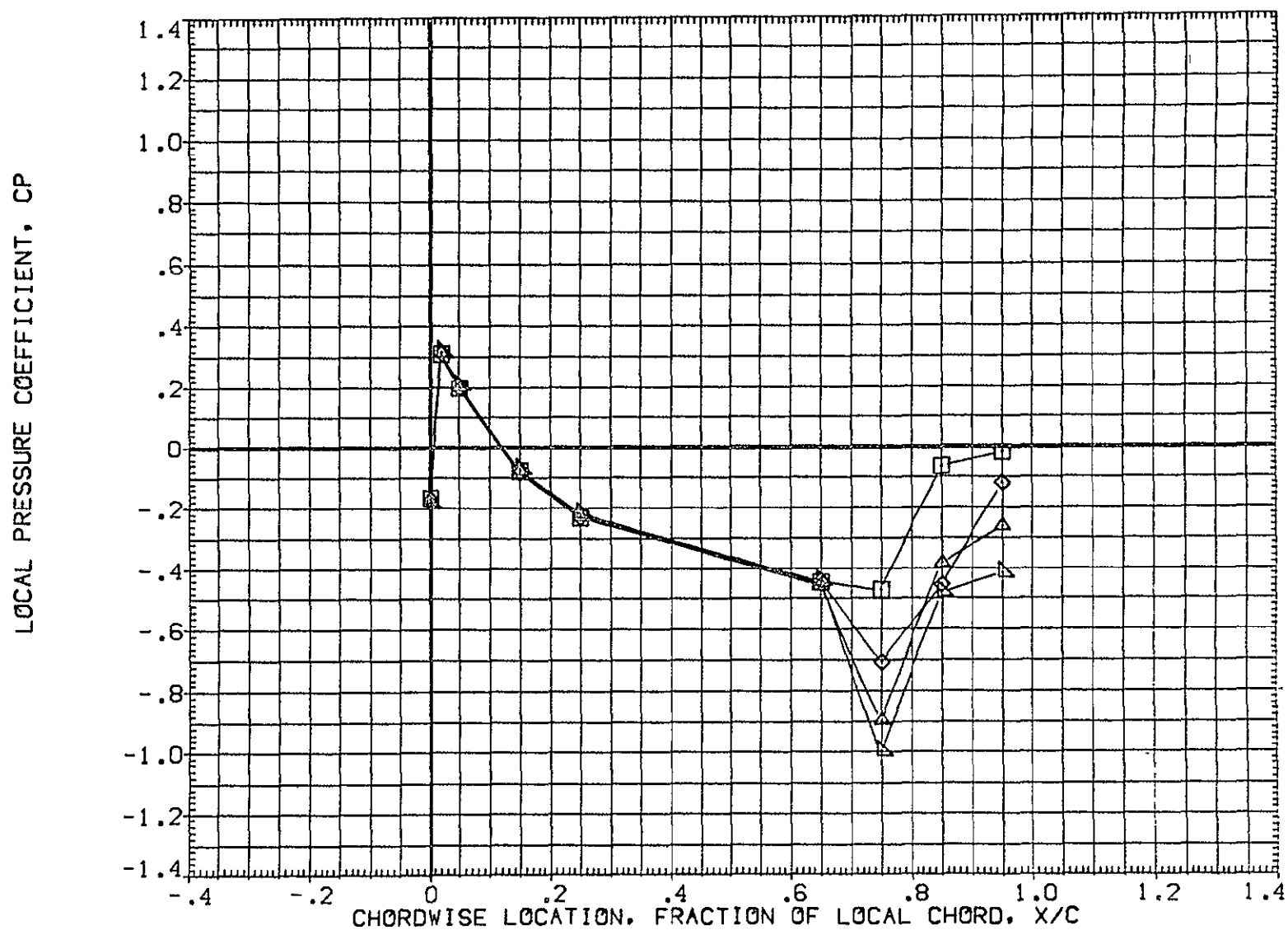


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	□	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	◇	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	△	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	▽	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	12.000	12.000	12.000

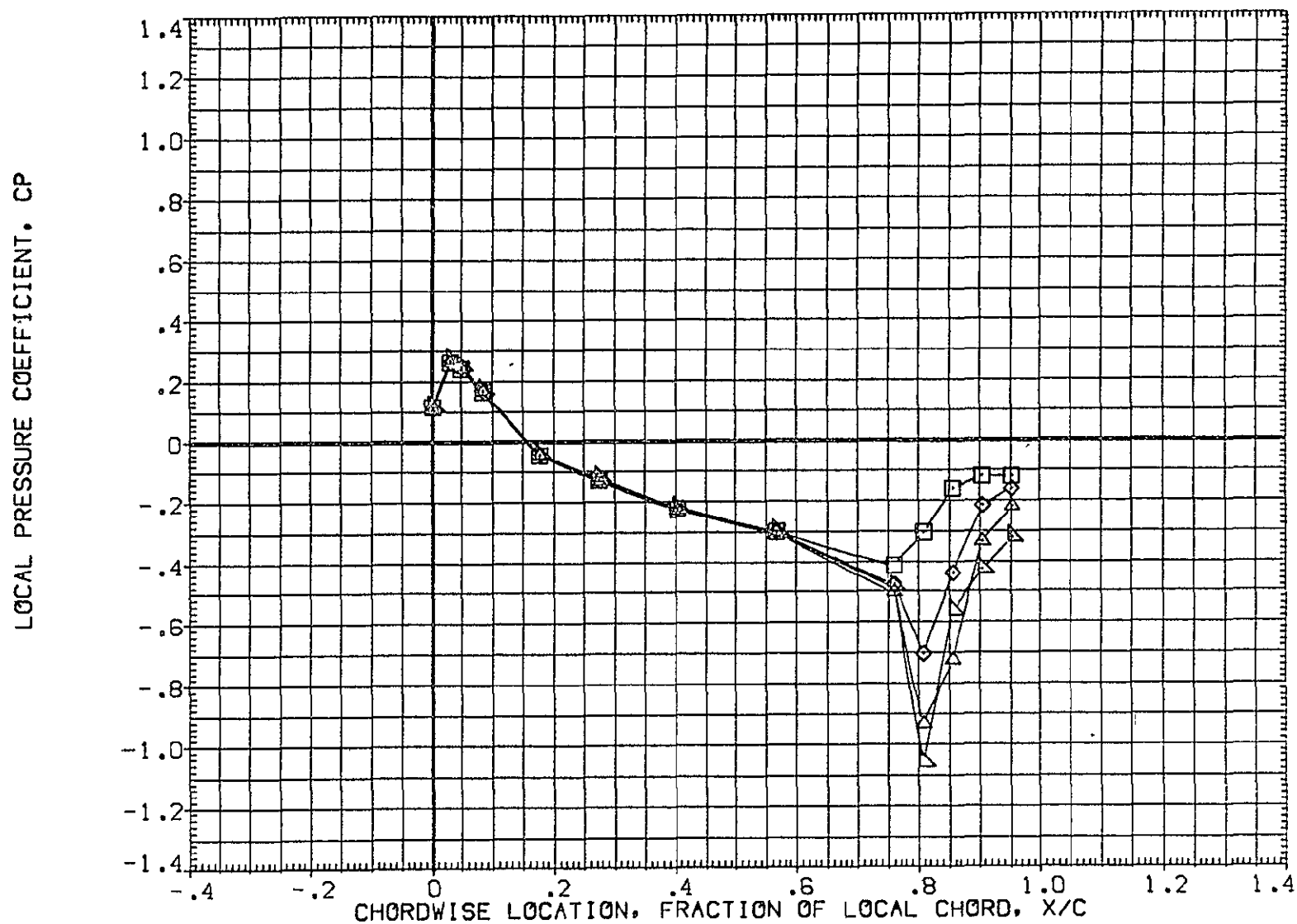


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -4.000 2Y/B = .436 PAGE 1065

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

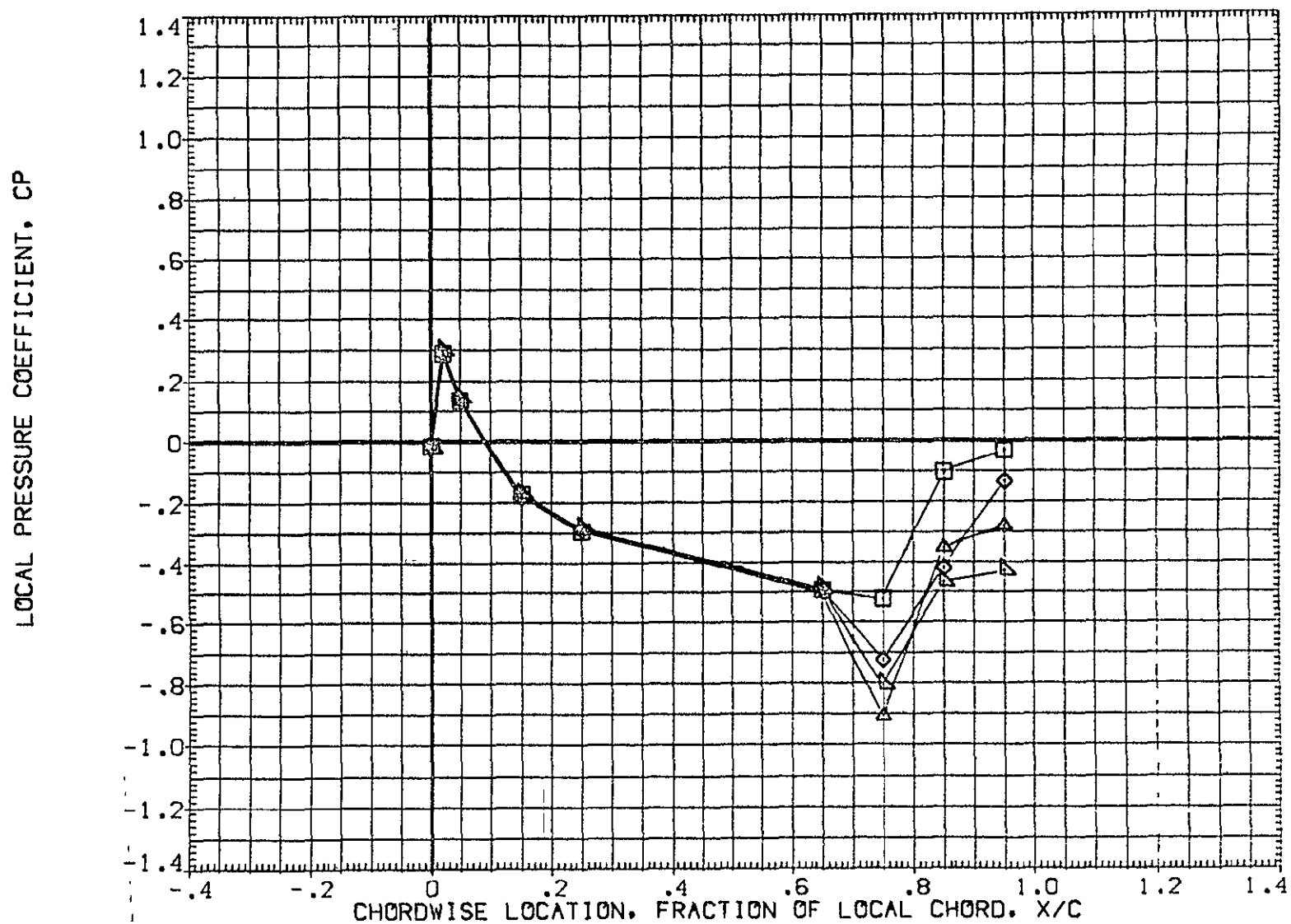


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -4.000 2Y/B = .771 PAGE 1066

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

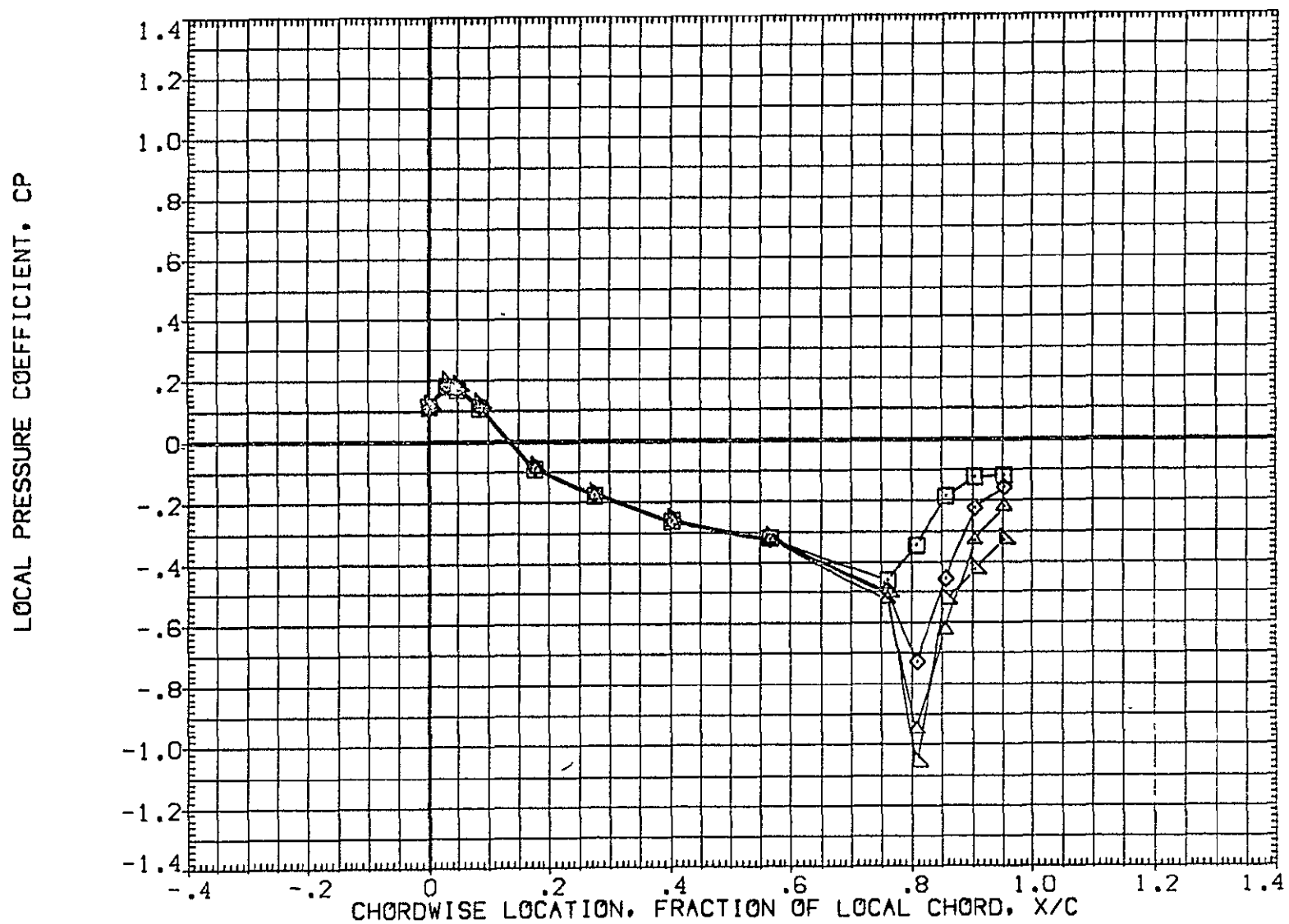


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -2.000 2Y/B = .436 PAGE 1067

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

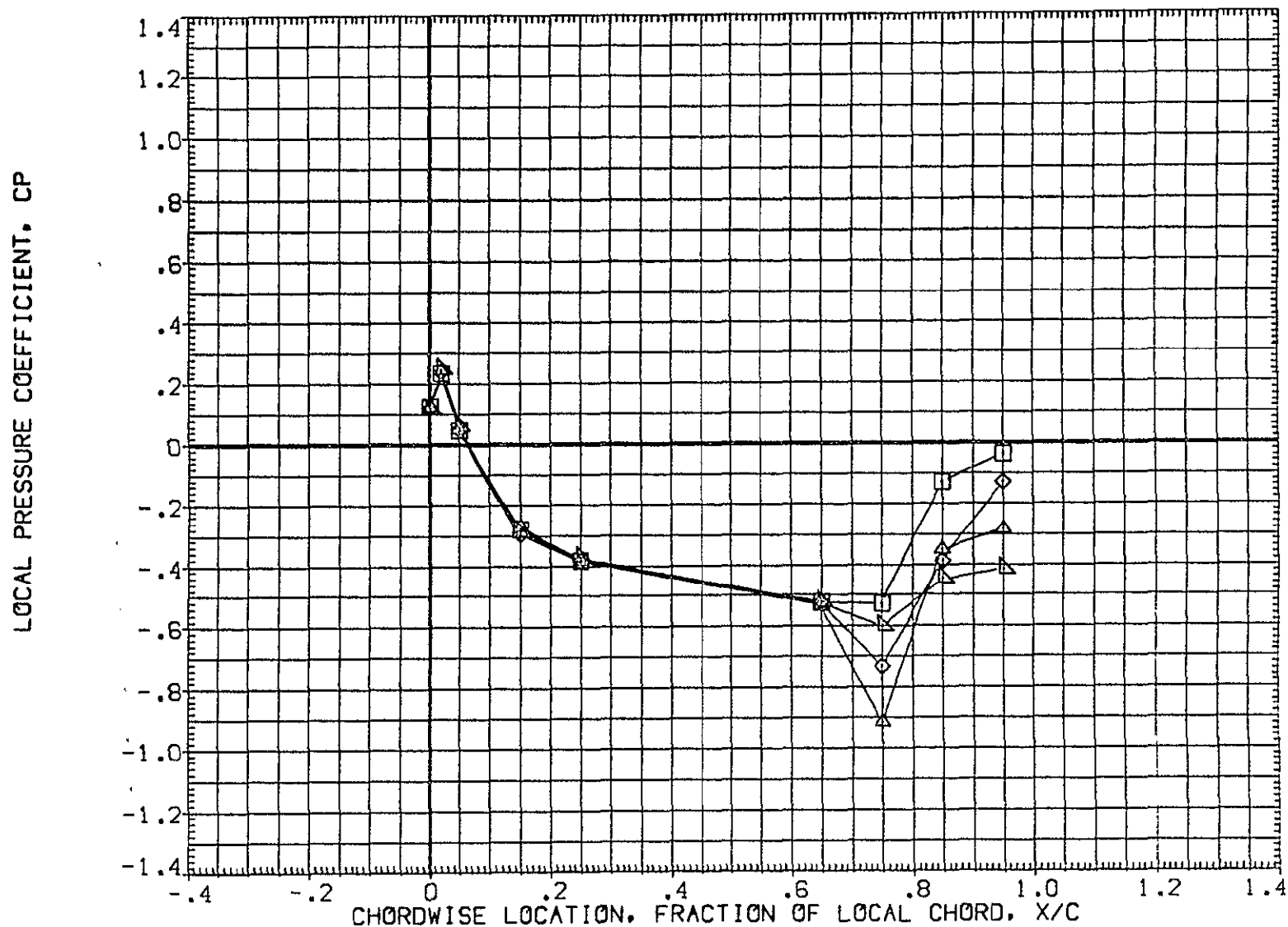


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -2.000 2Y/B = .771 PAGE 1068

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

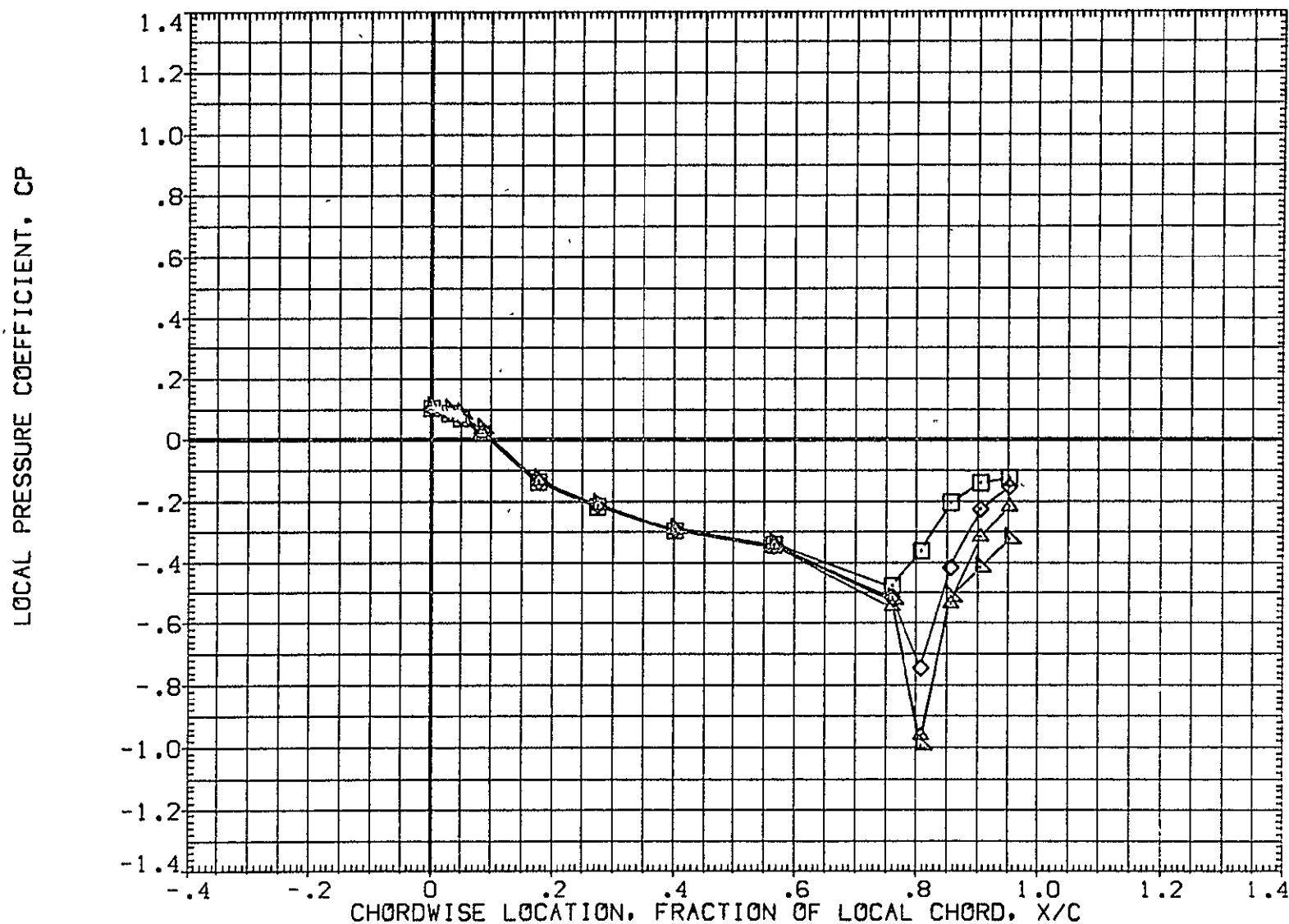


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = .000  $2Y/B$  = .436 PAGE 1069

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U52]	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

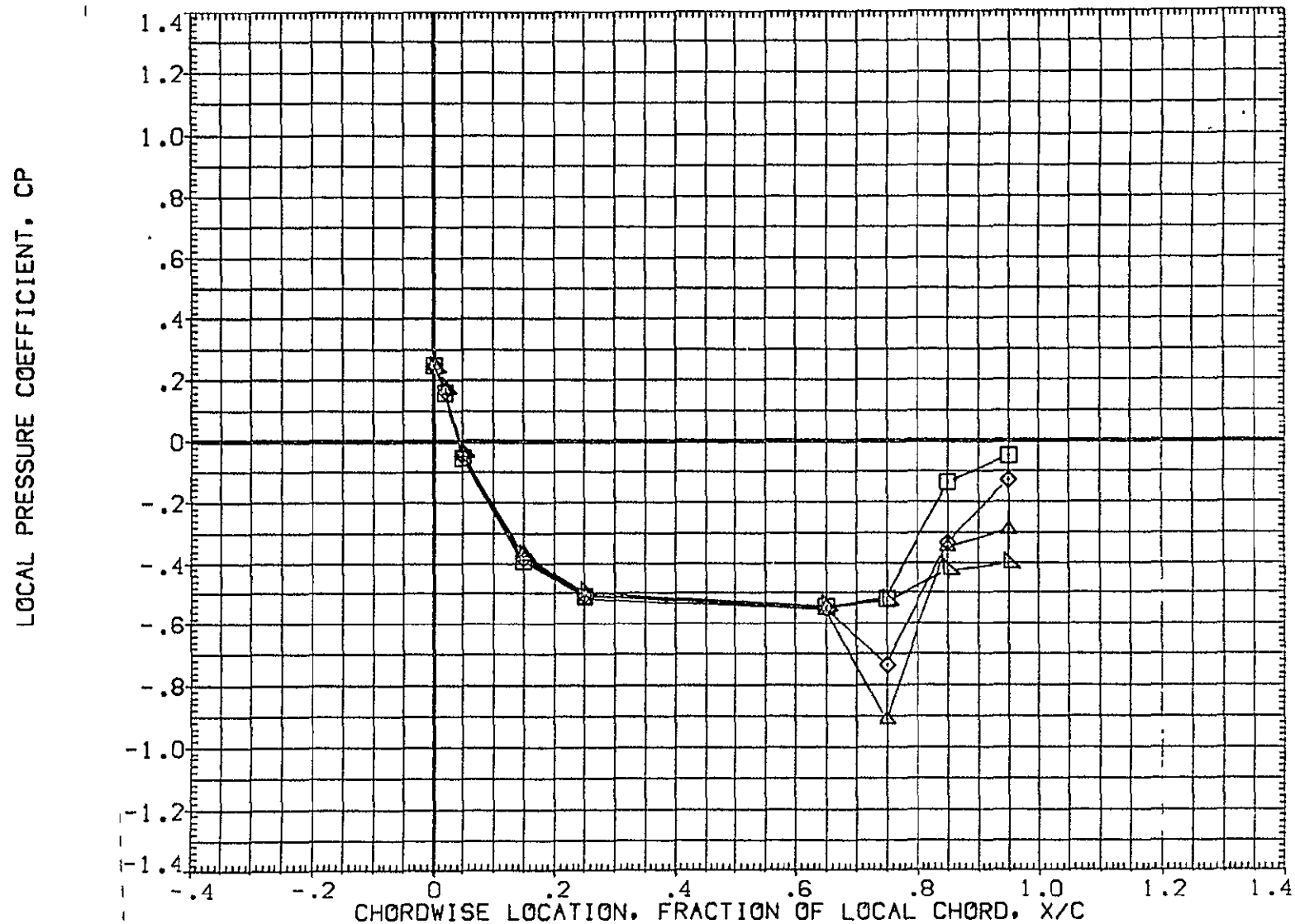


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	□	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	◇	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U52]	○	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7U57]	△	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7U62]	▽	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

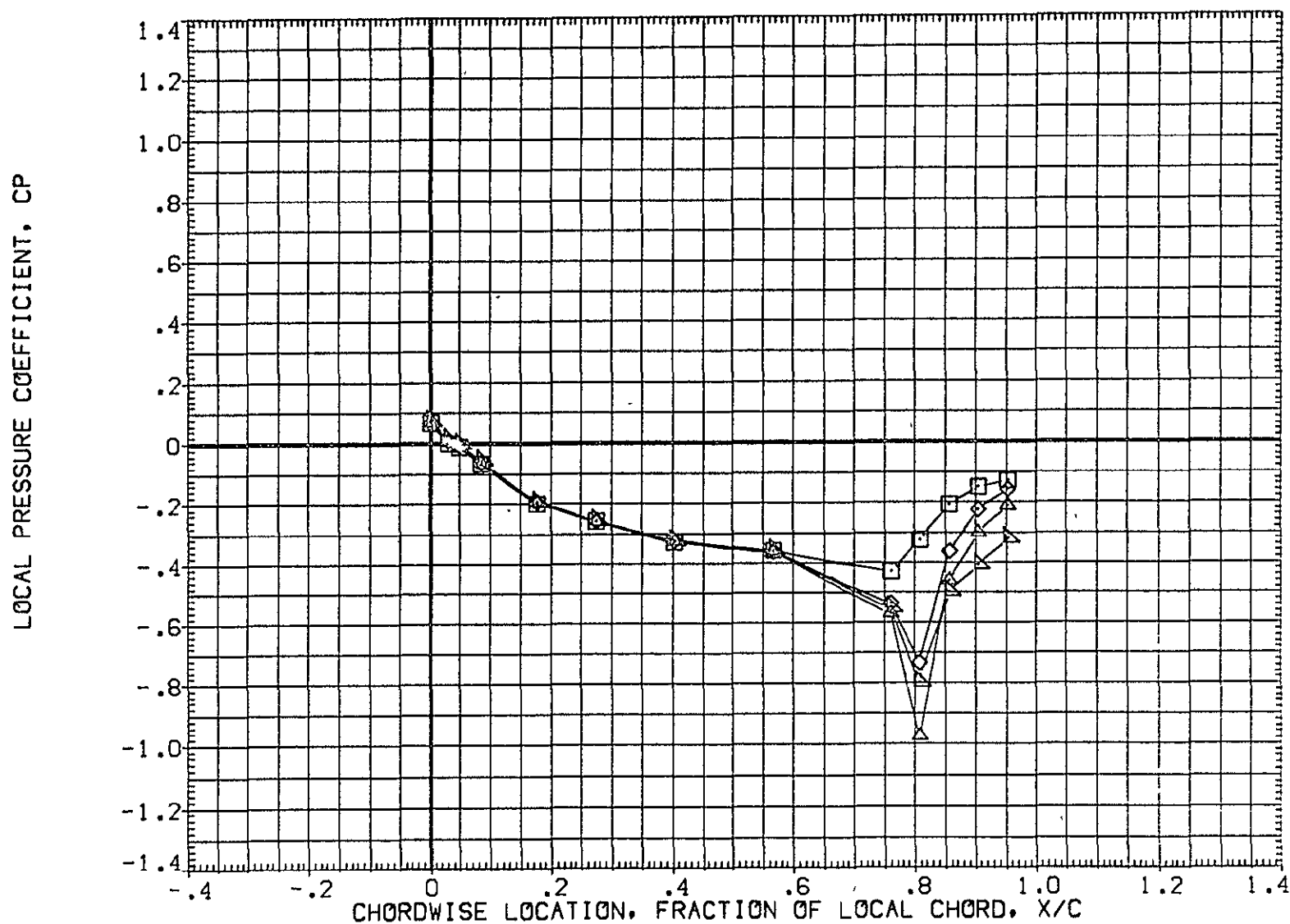


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 2.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 112 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	IA70 01 112 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 112 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 112 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

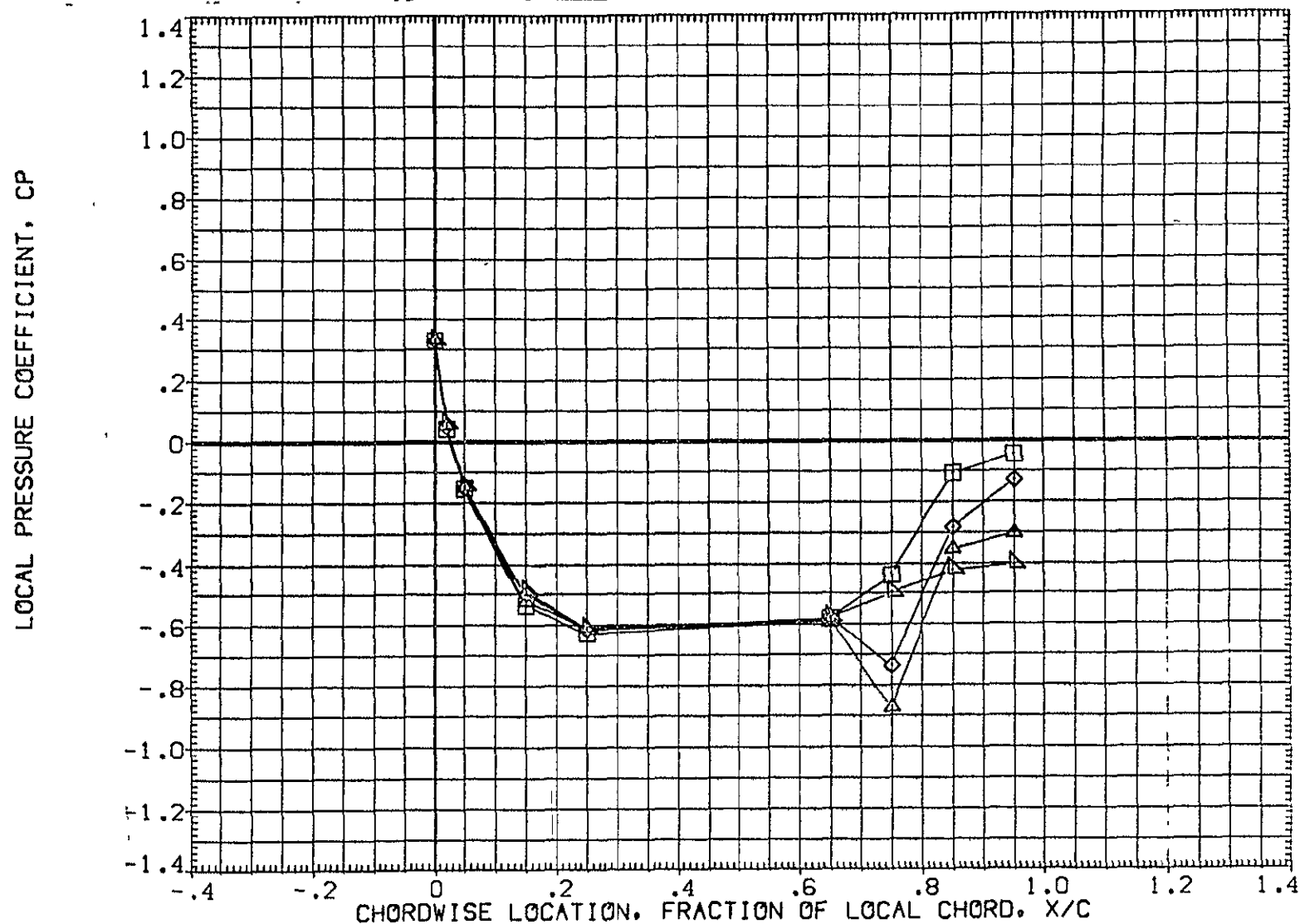


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

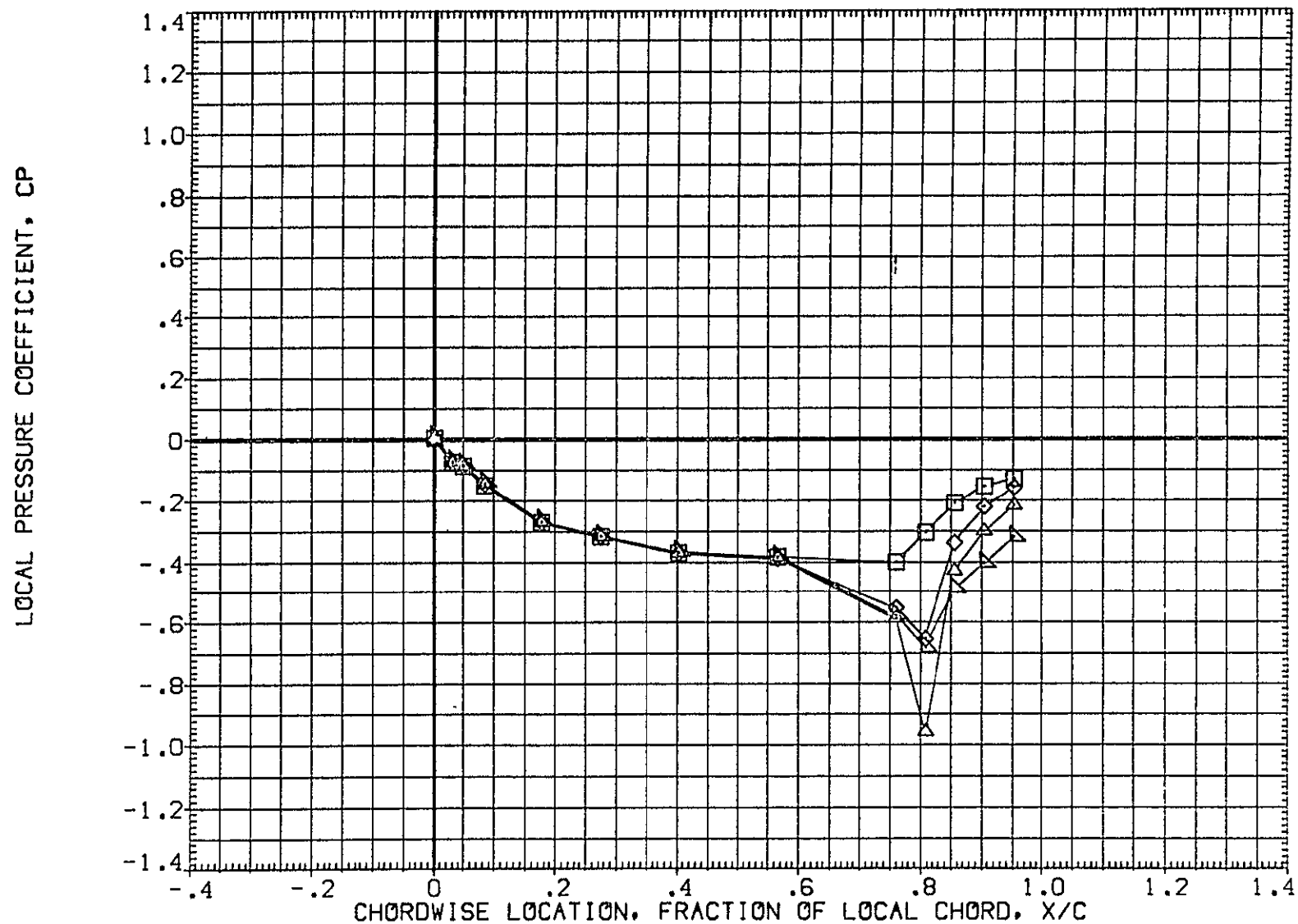


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 4.000 2Y/B = .436 PAGE 1073

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

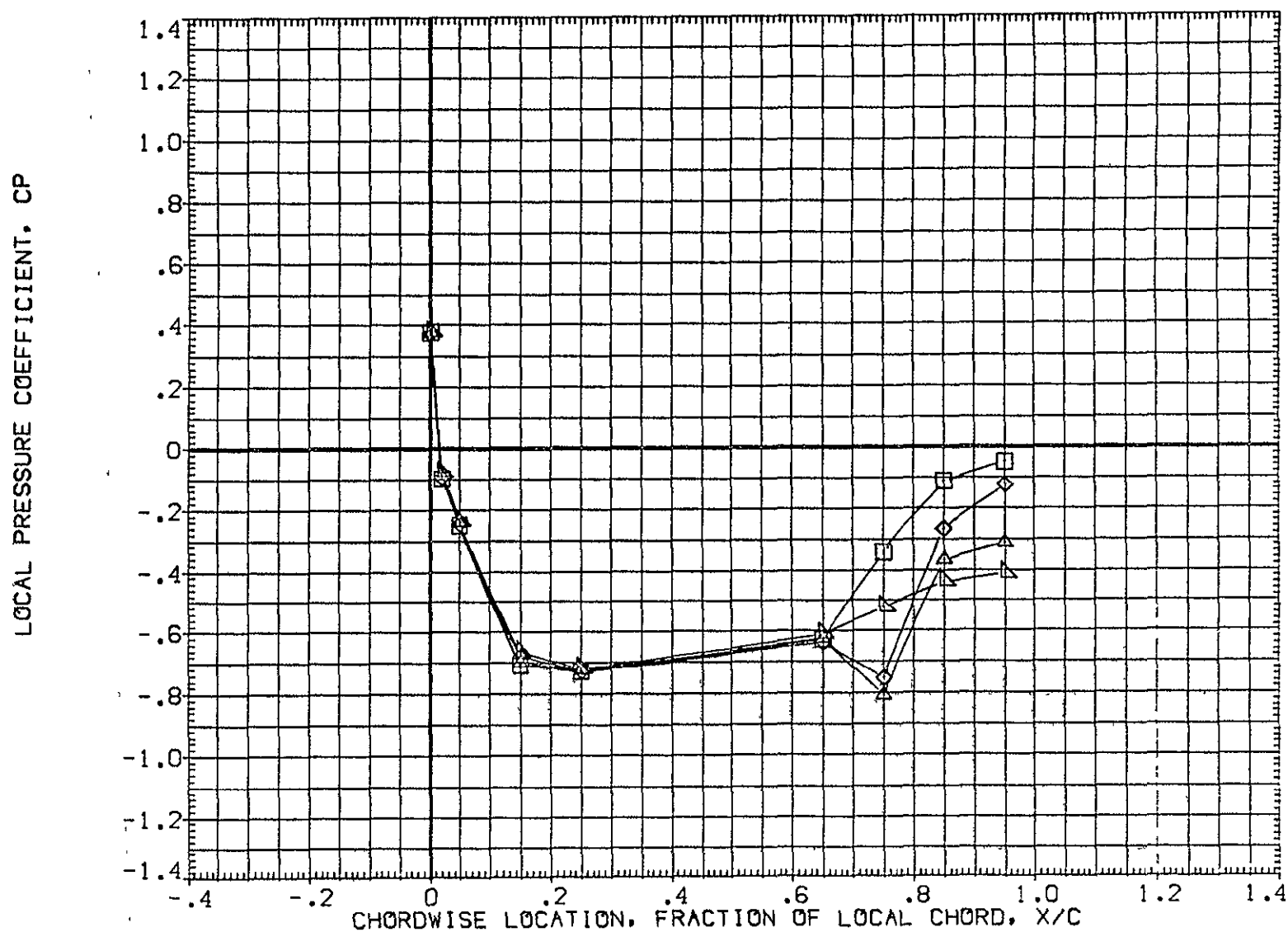


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 4.000 2Y/B = .771 PAGE 1074

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	□	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	▽	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

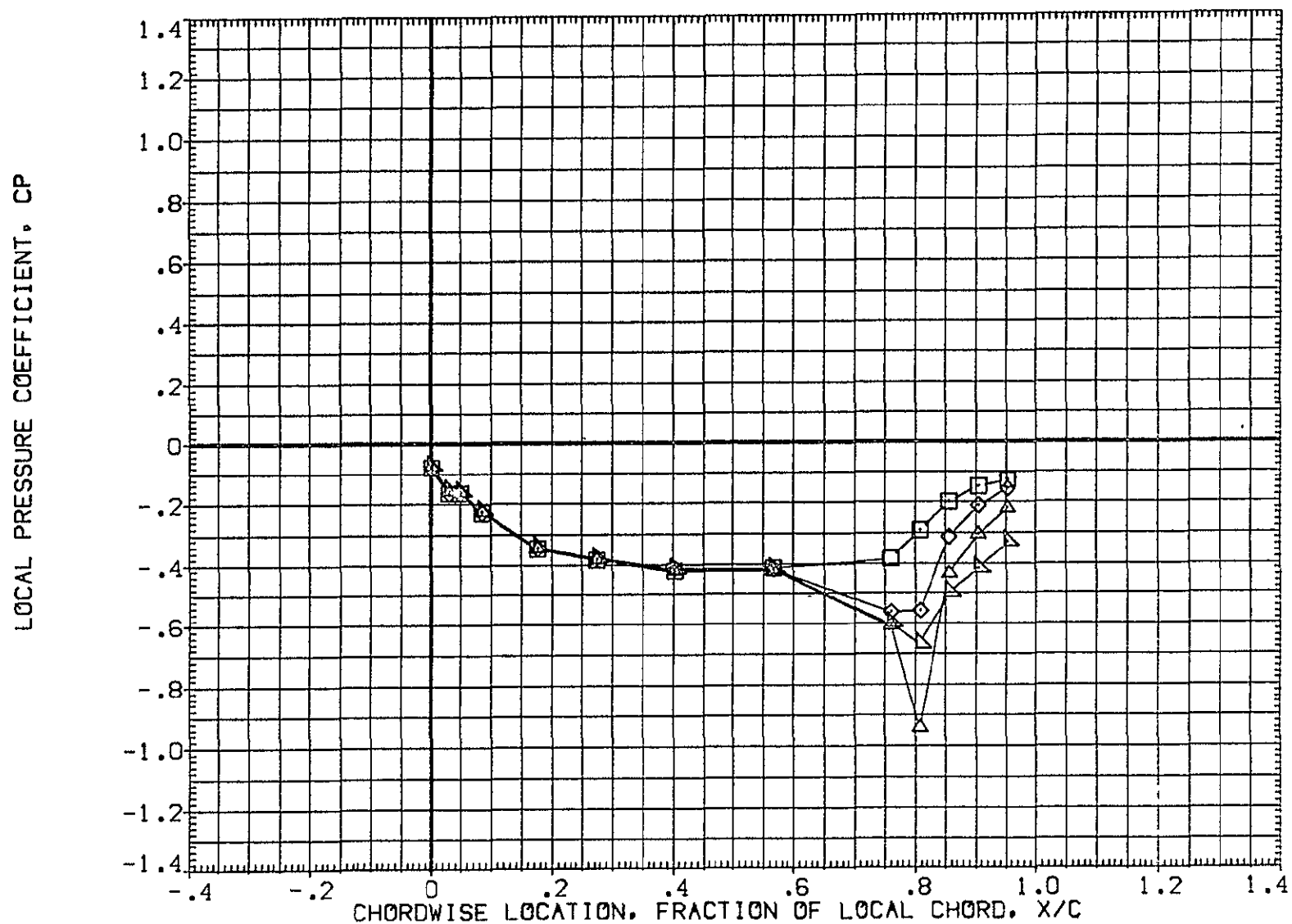


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 6.000 2Y/B = .436 PAGE 1075

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

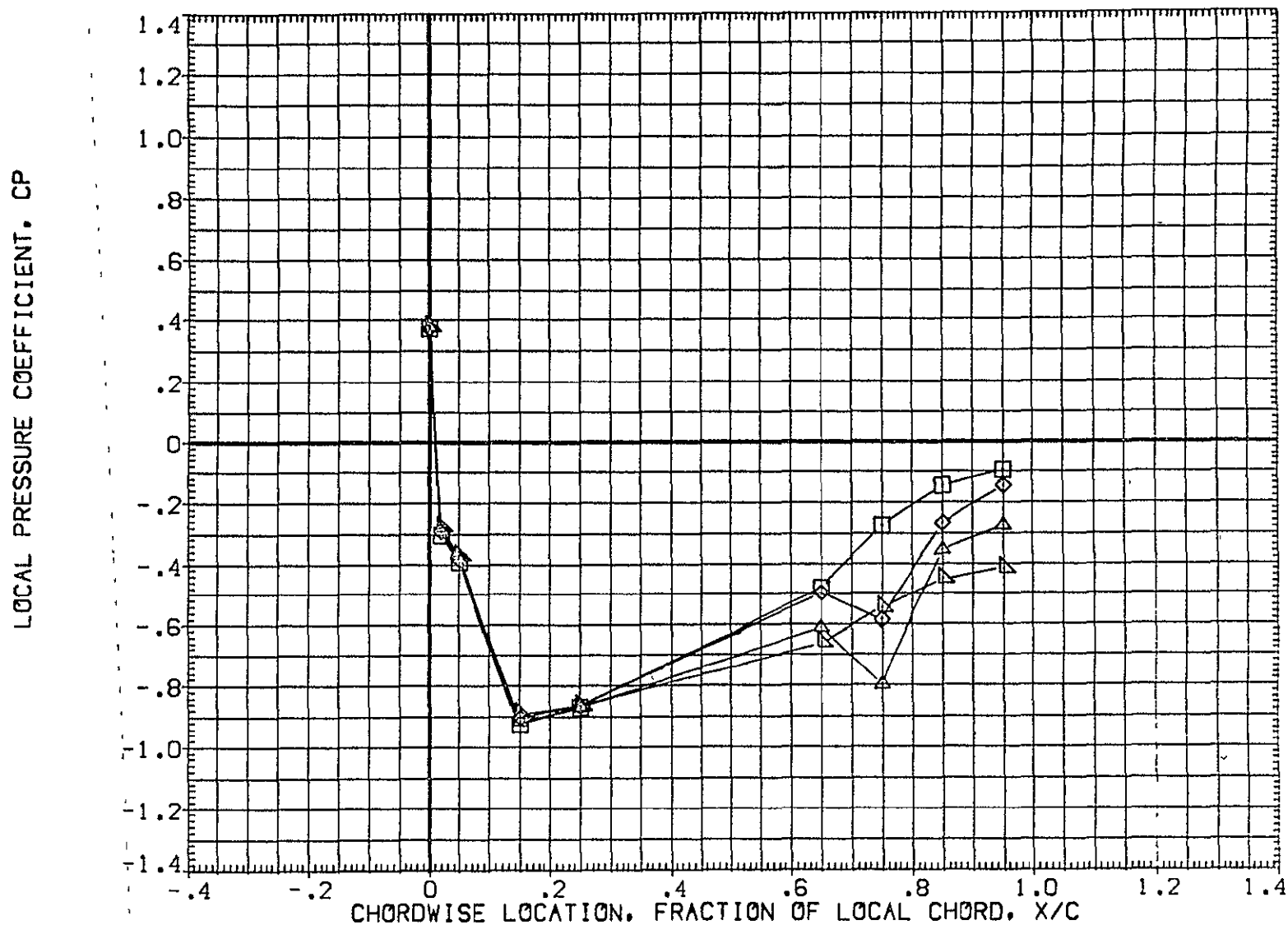


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 6.000 2Y/B = .771 PAGE 1076

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

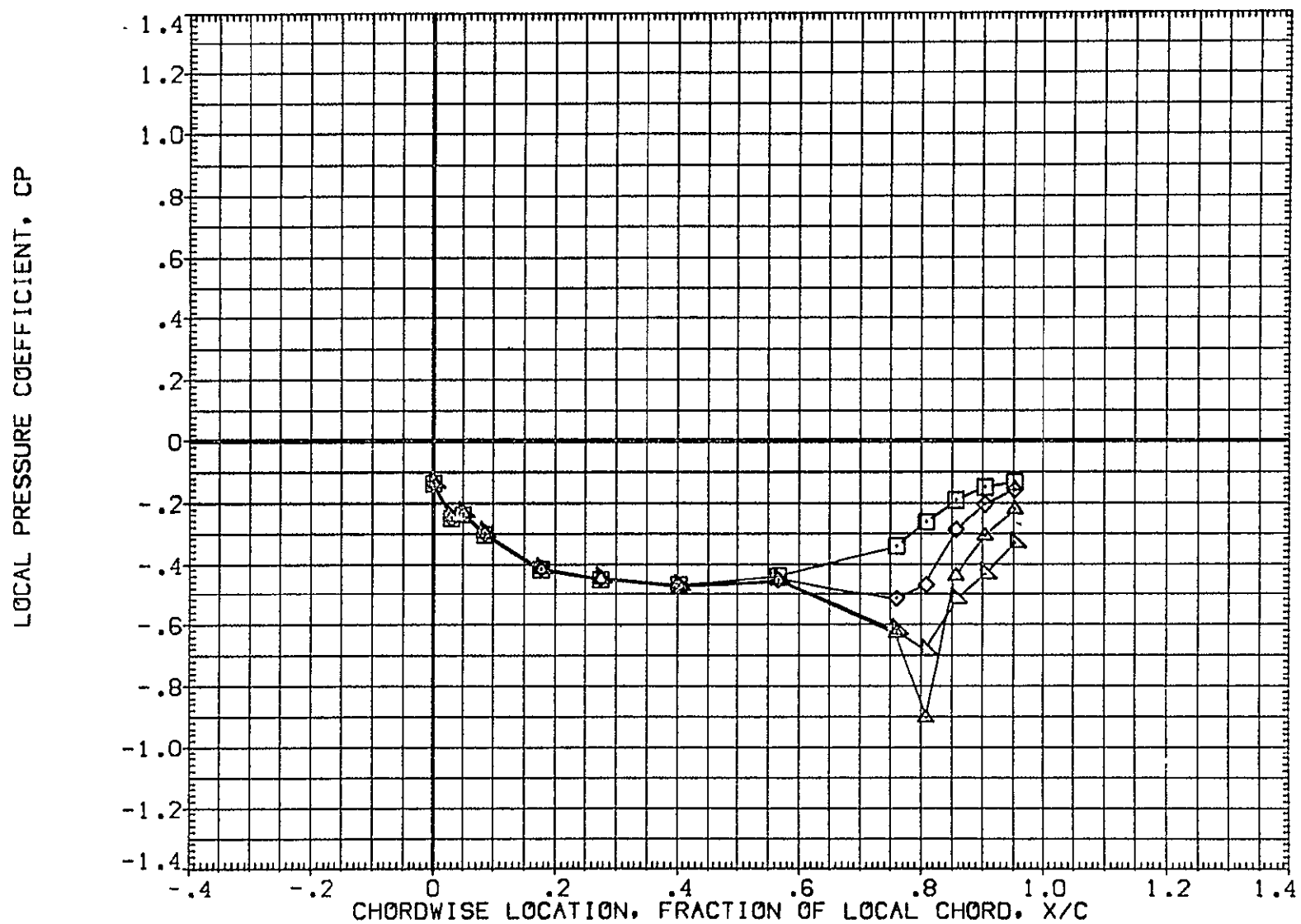


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .436 PAGE 1077

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

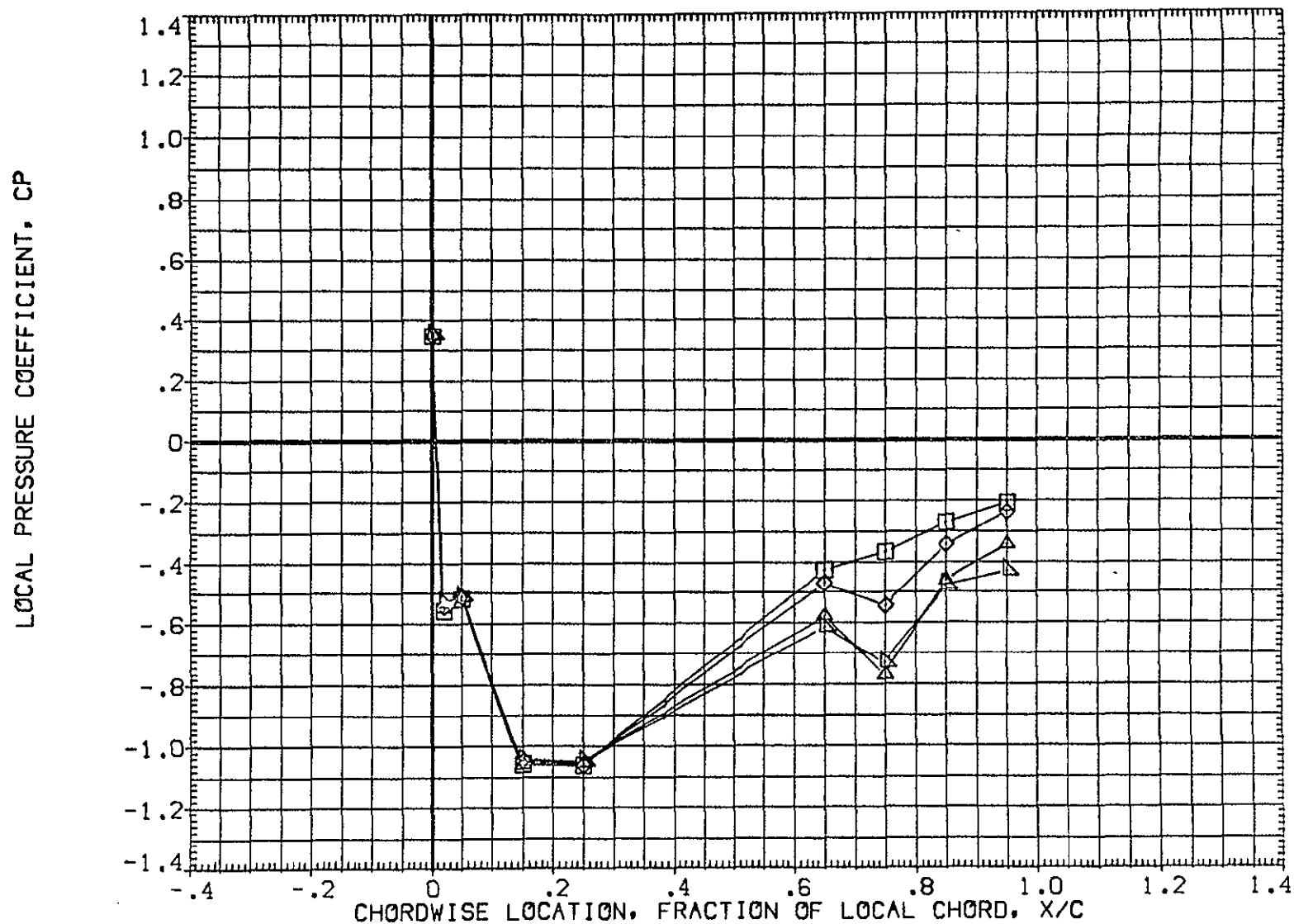


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 8.000 2Y/B = .771 PAGE 1078

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

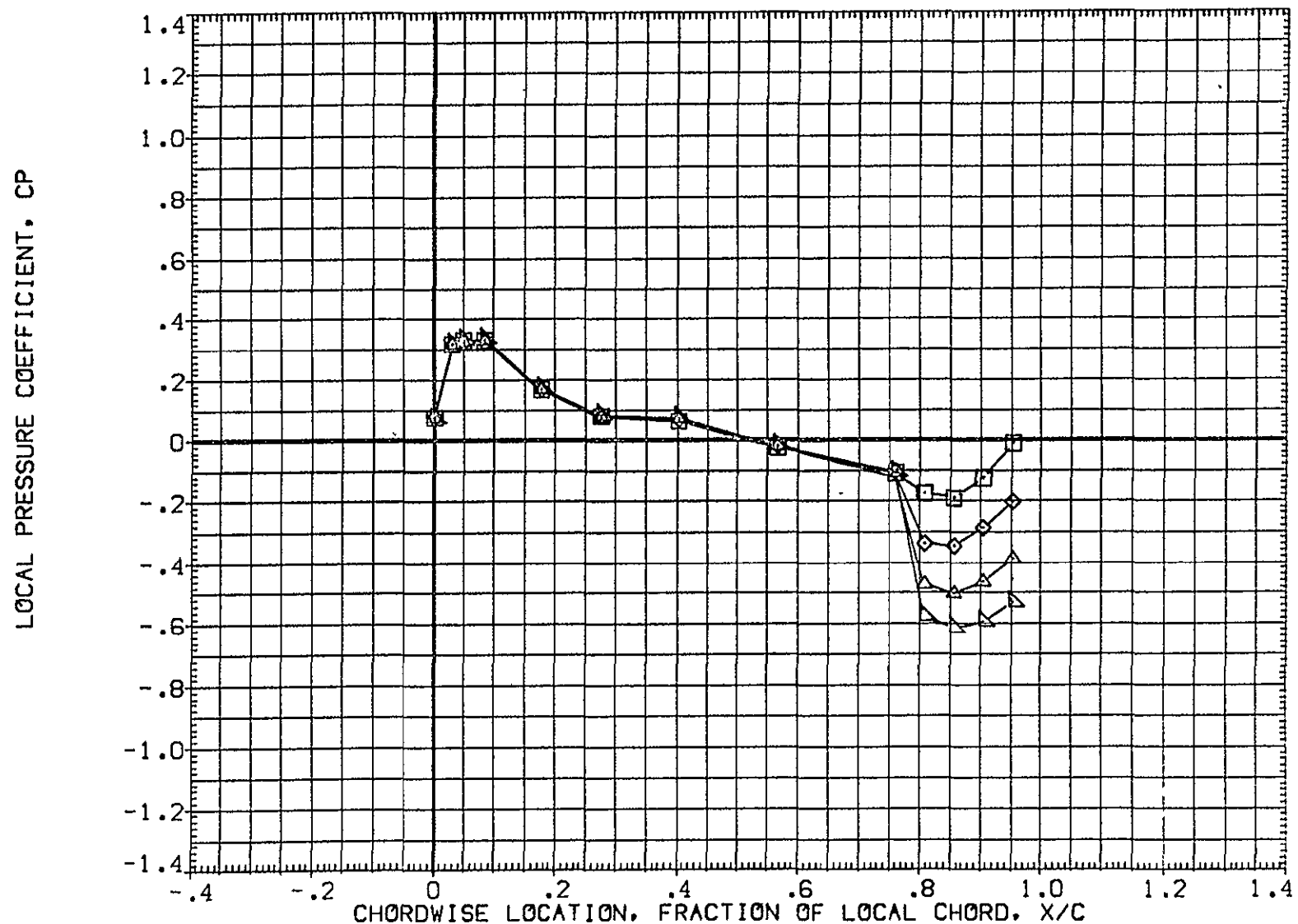


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -8.000 2Y/B = .436 PAGE 1079



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	VING UPPER SURFACE				
	VING UPPER SURFACE				
	VING UPPER SURFACE				
	VING UPPER SURFACE				

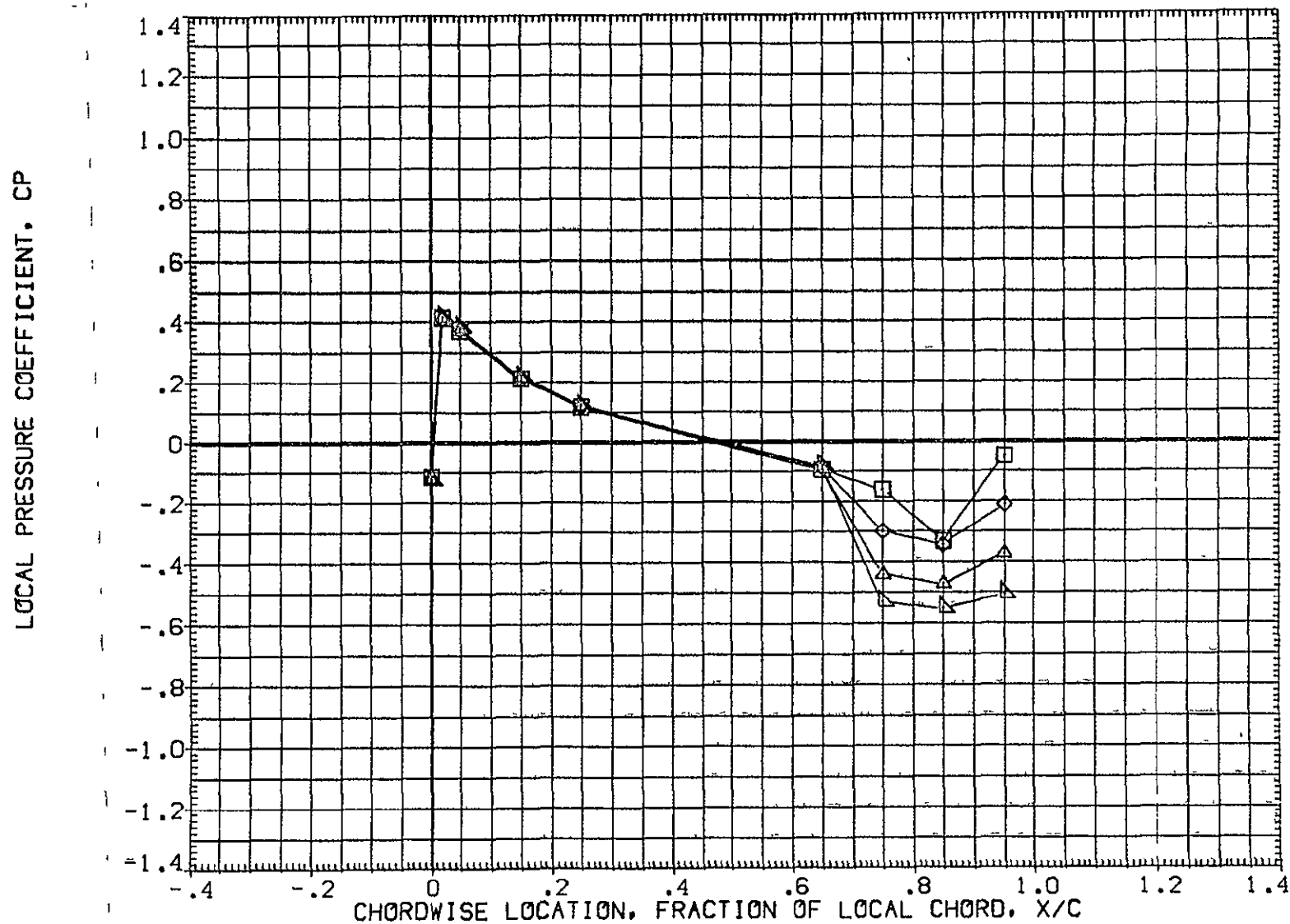


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -8.000 2Y/B = .771 PAGE 1080

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U52]	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				

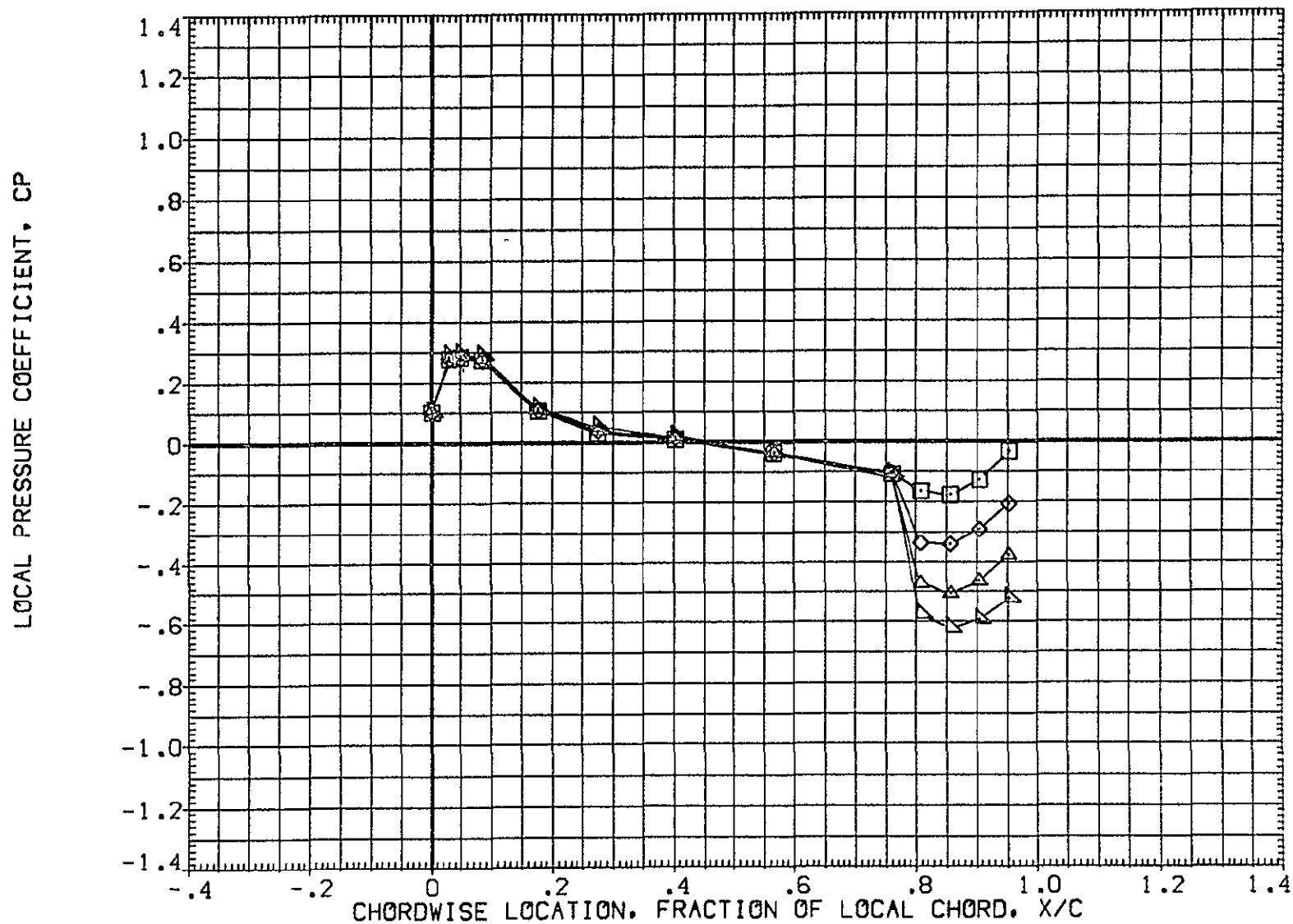


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(AF7U65) DATA NOT AVAILABLE  
(AF7U47) 1A70 01 T12 S1 P2 P8  
(AF7U52) 1A70 01 T12 S1 P2 P8  
(AF7U57) 1A70 01 T12 S1 P2 P8  
(AF7U62) 1A70 01 T12 S1 P2 P8

WING UPPER SURFACE  
WING UPPER SURFACE  
WING UPPER SURFACE  
WING UPPER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

LOCAL PRESSURE COEFFICIENT, CP

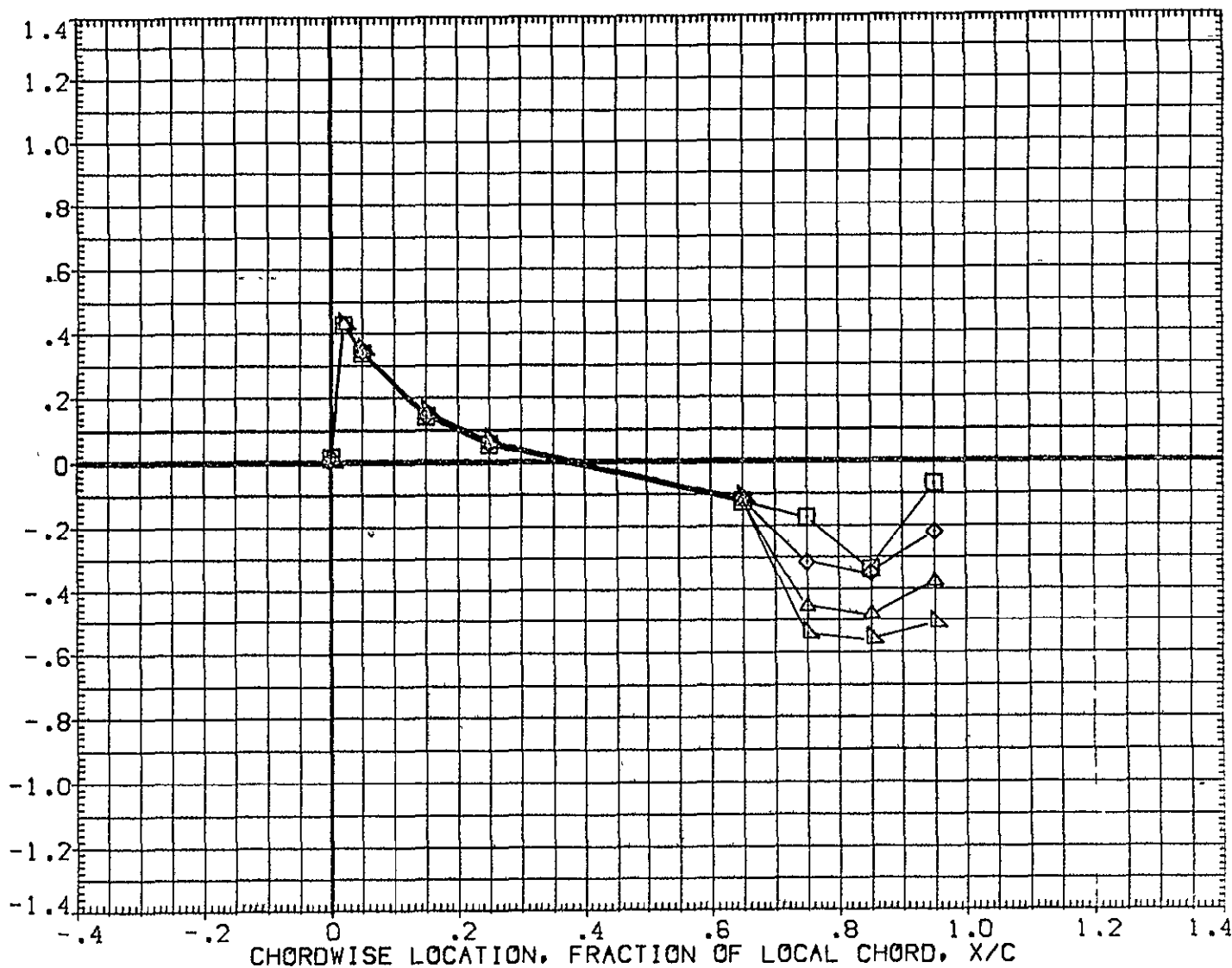


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7U65 }	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{ AF7U47 }	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{ AF7U52 }	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{ AF7U57 }	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{ AF7U62 }	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

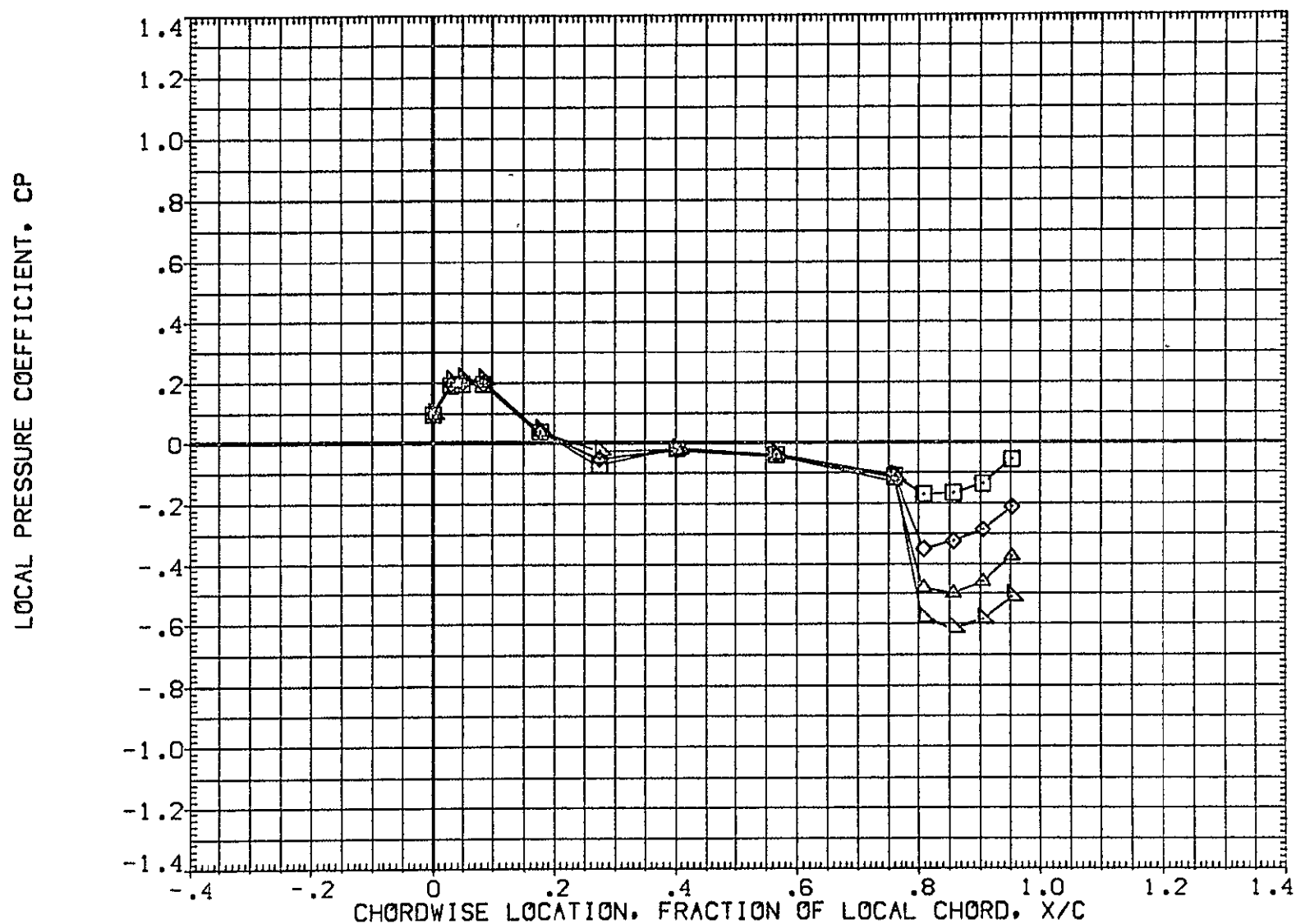


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

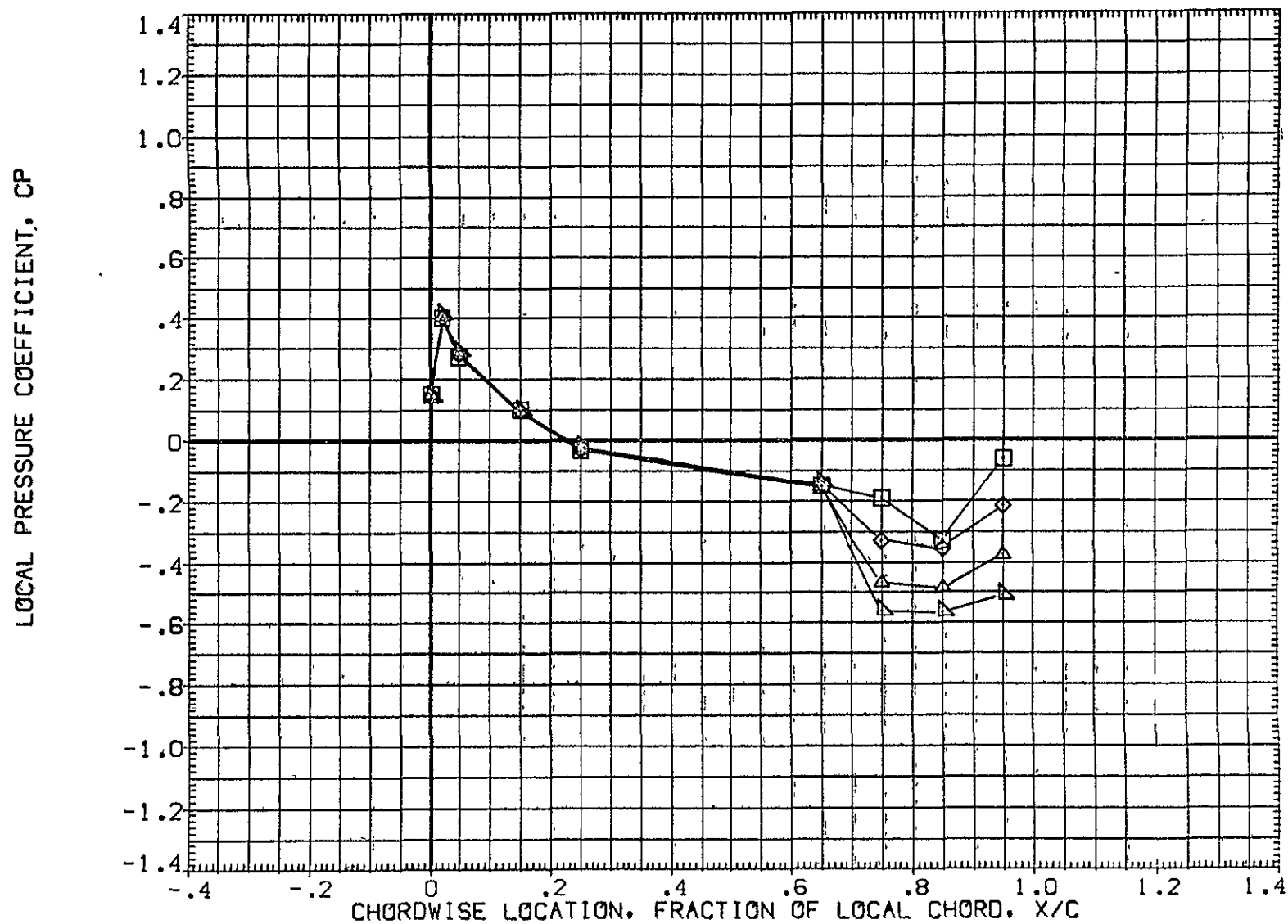


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

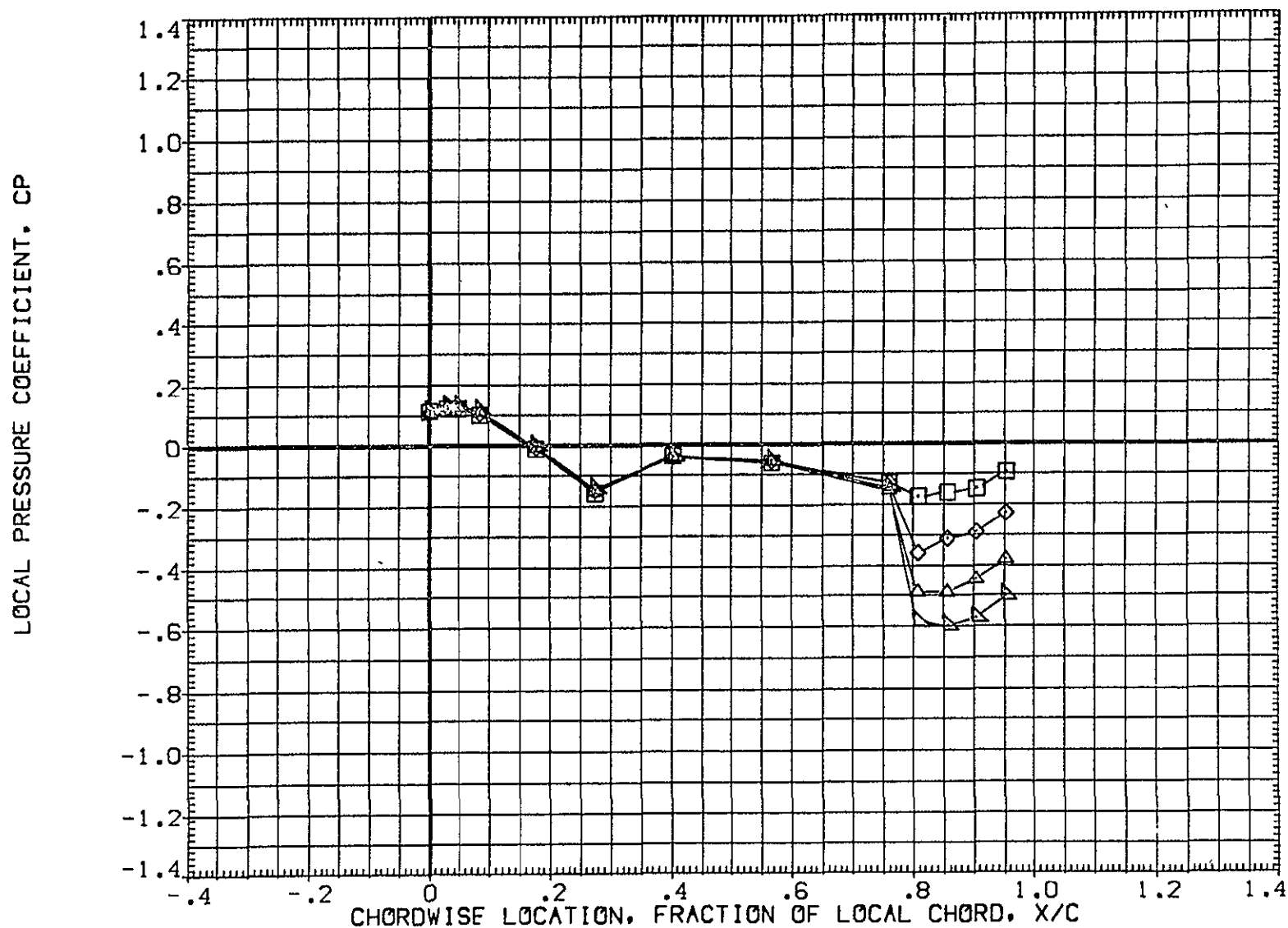


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -2.000 2Y/B = .436 PAGE 1085

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

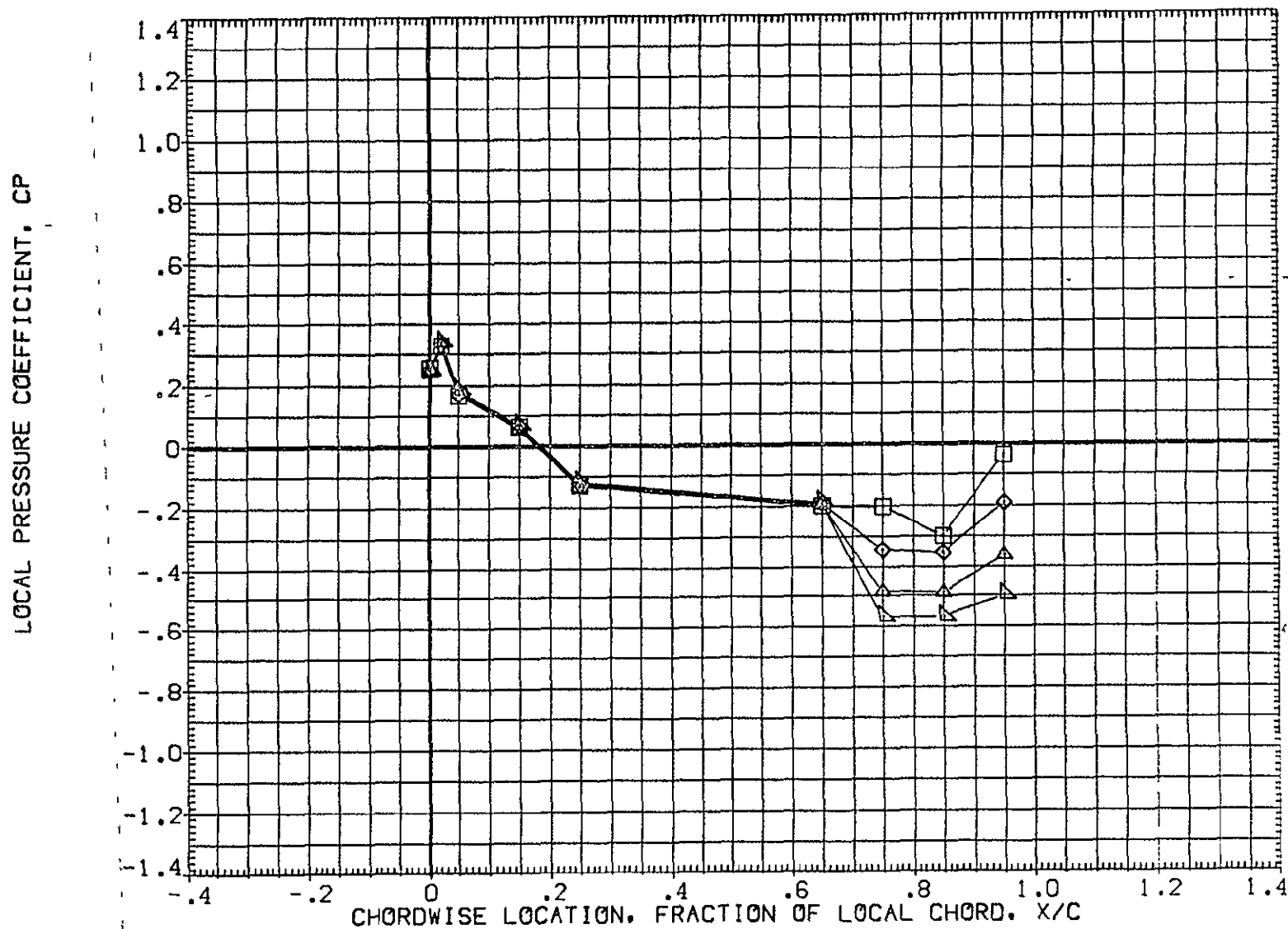


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U55}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				

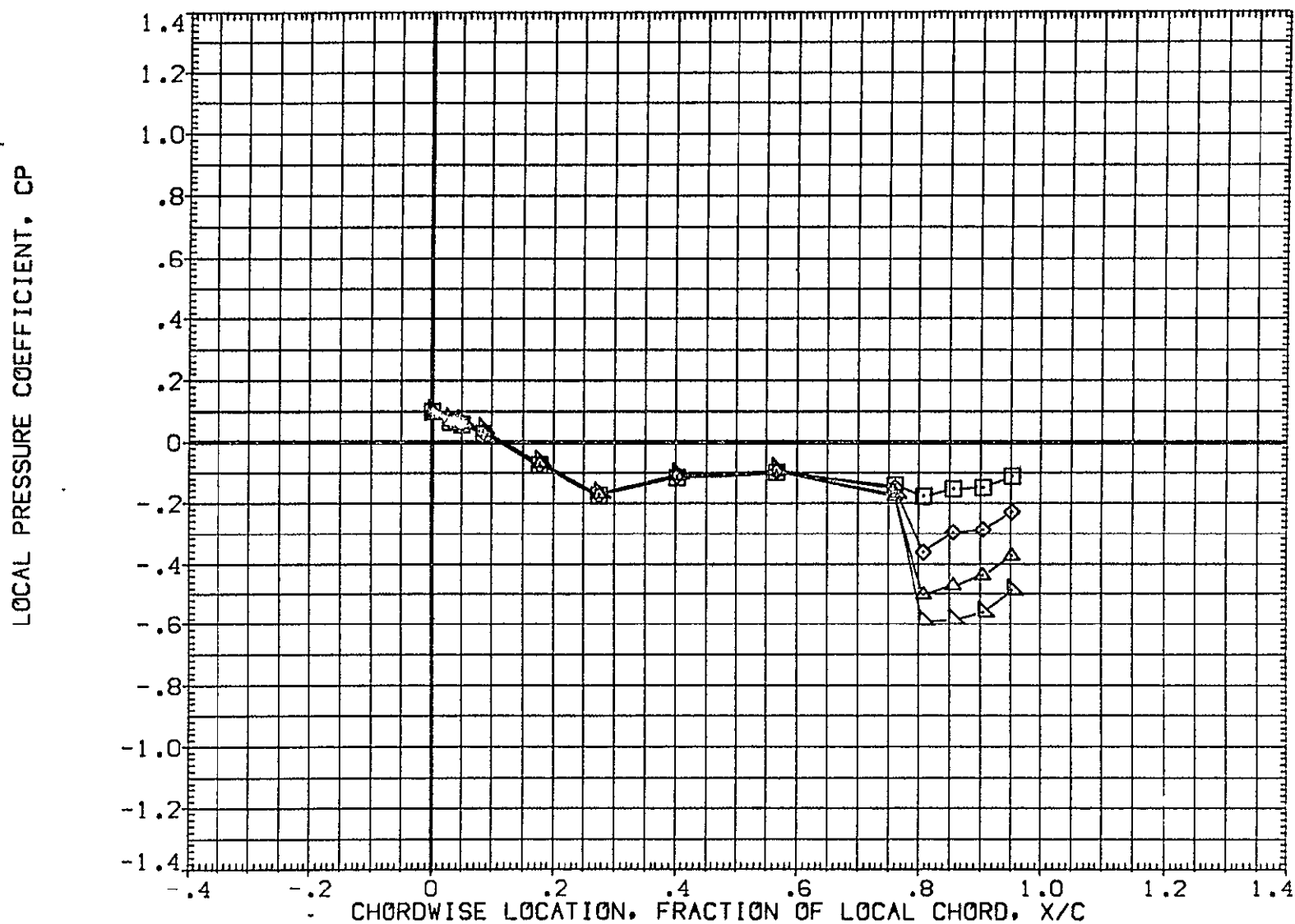


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = .000 2Y/B = .436 PAGE 1087



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U55}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U52}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

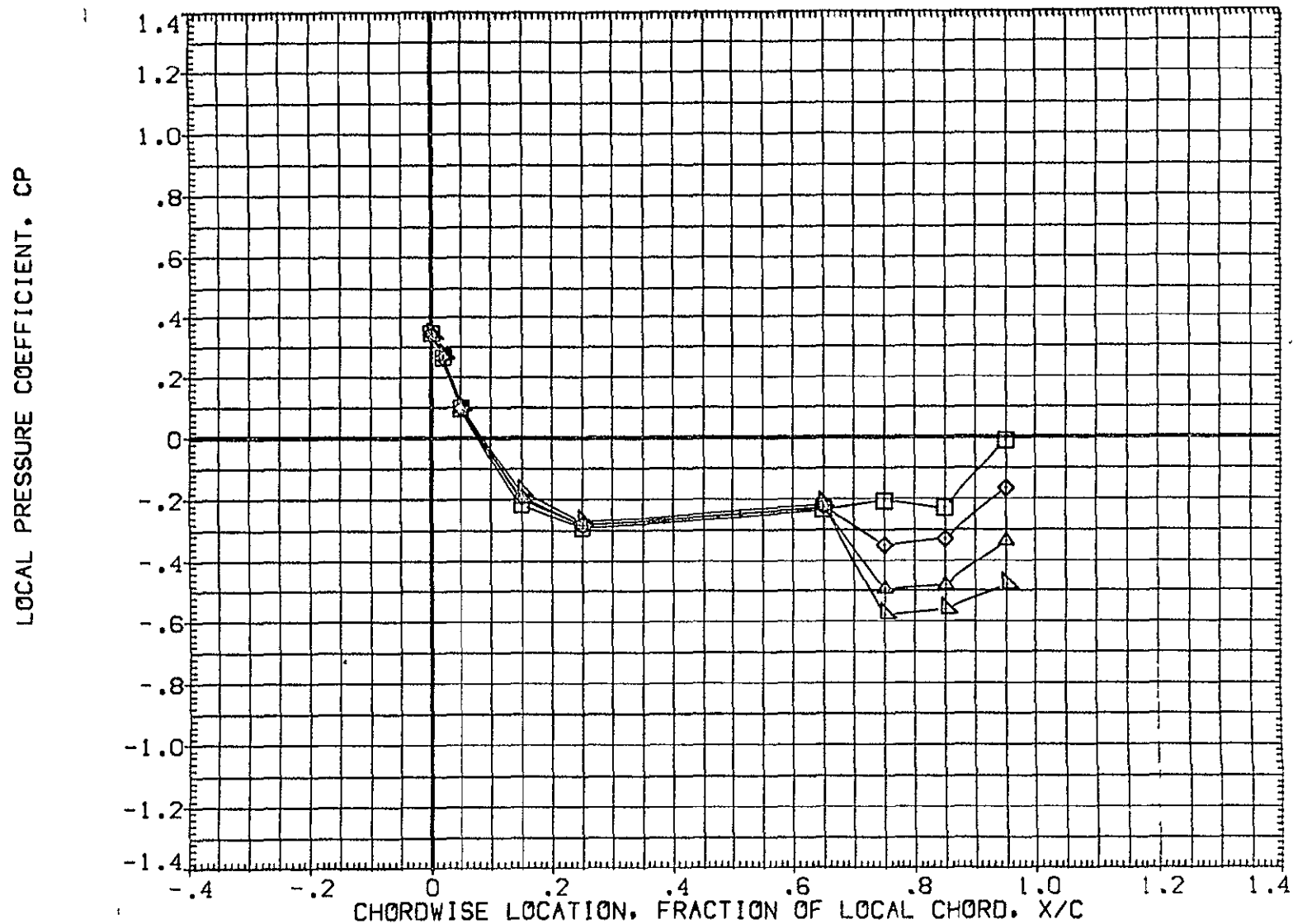


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = .000 2Y/B = .771 PAGE 1088

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
[AF7U65]	DATA NOT AVAILABLE
[AF7U47]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
[AF7U52]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
[AF7U57]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE
[AF7U62]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

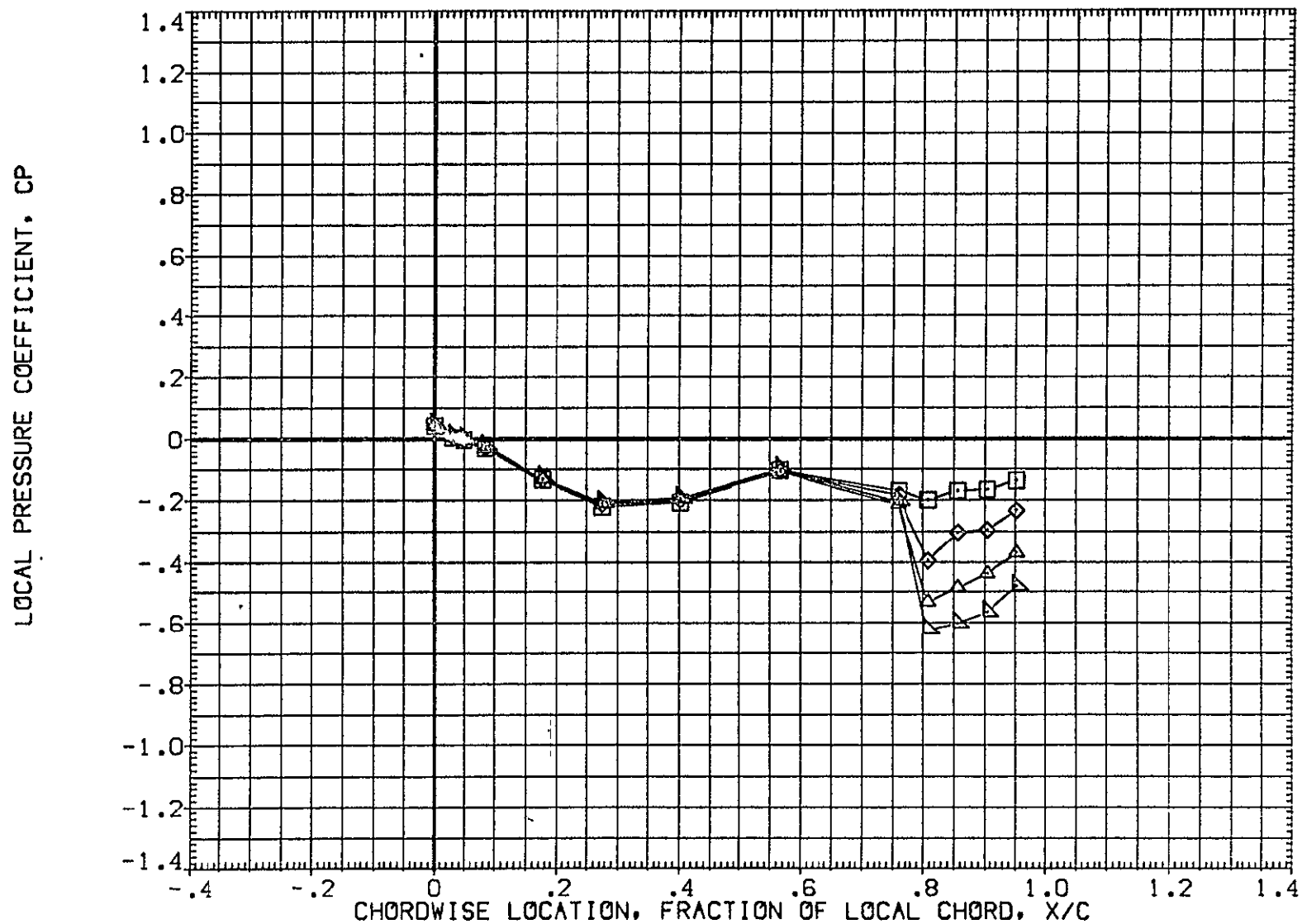


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

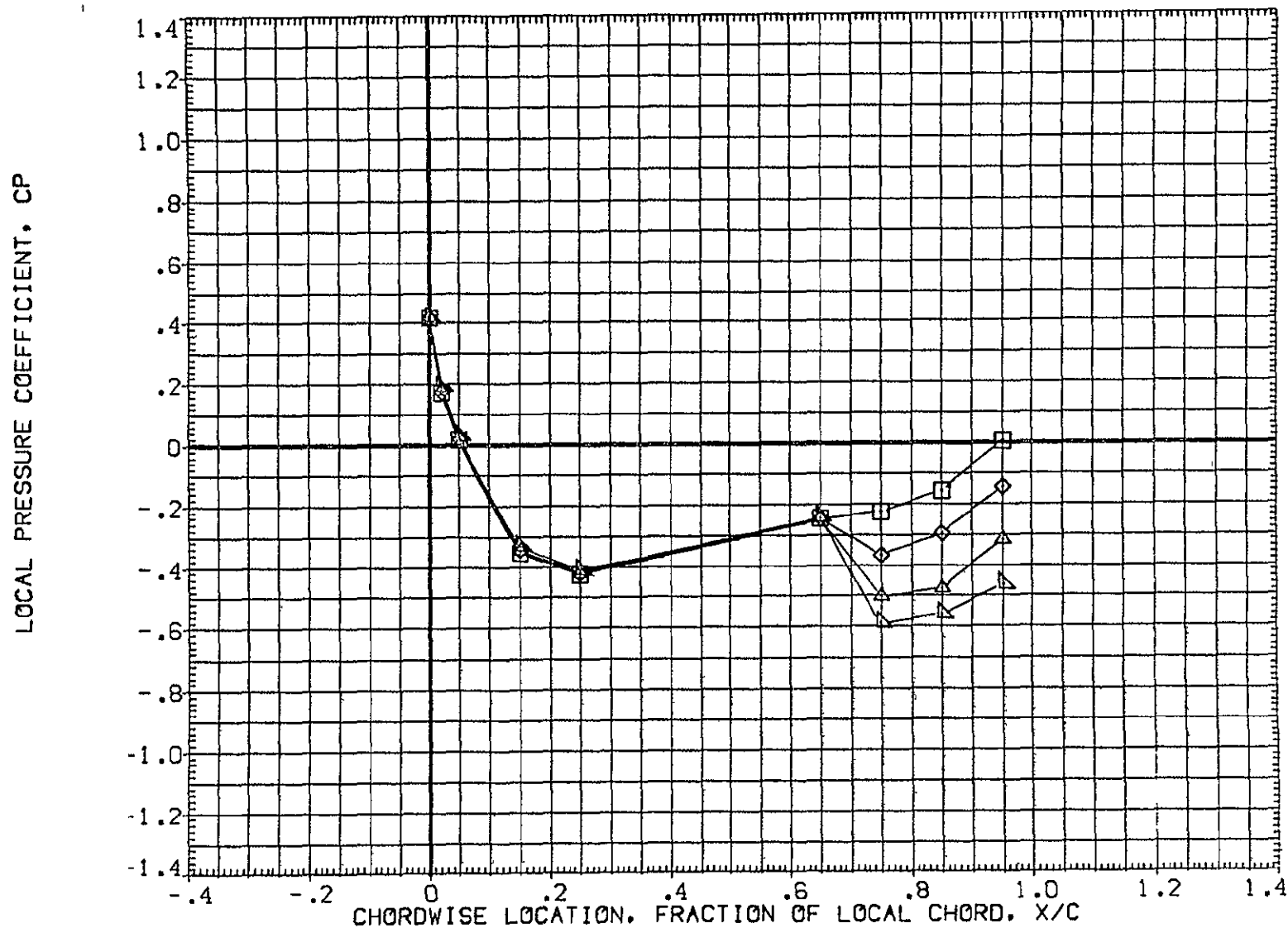


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U55}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

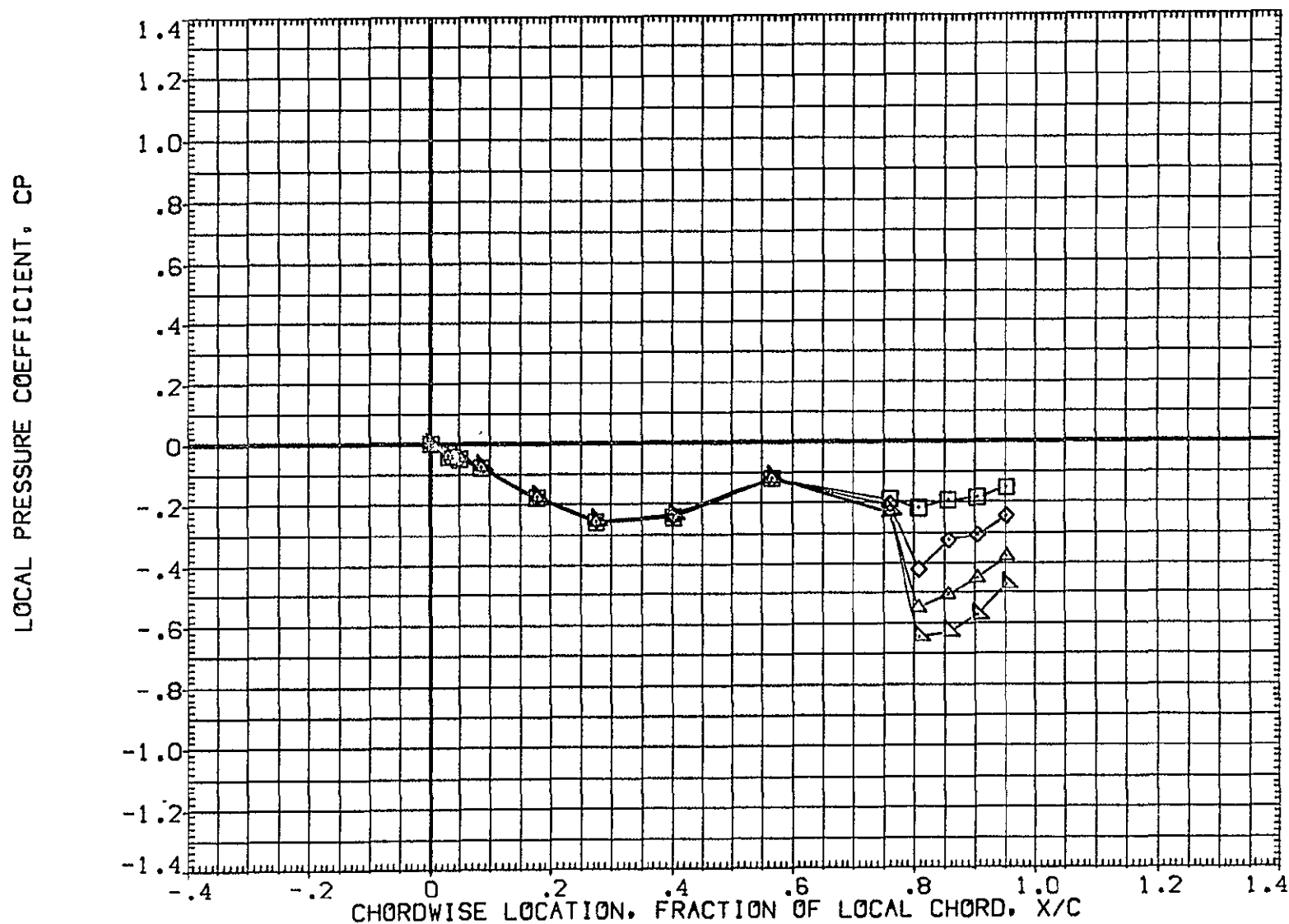


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 4.000 2Y/B = .436 PAGE 1091

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

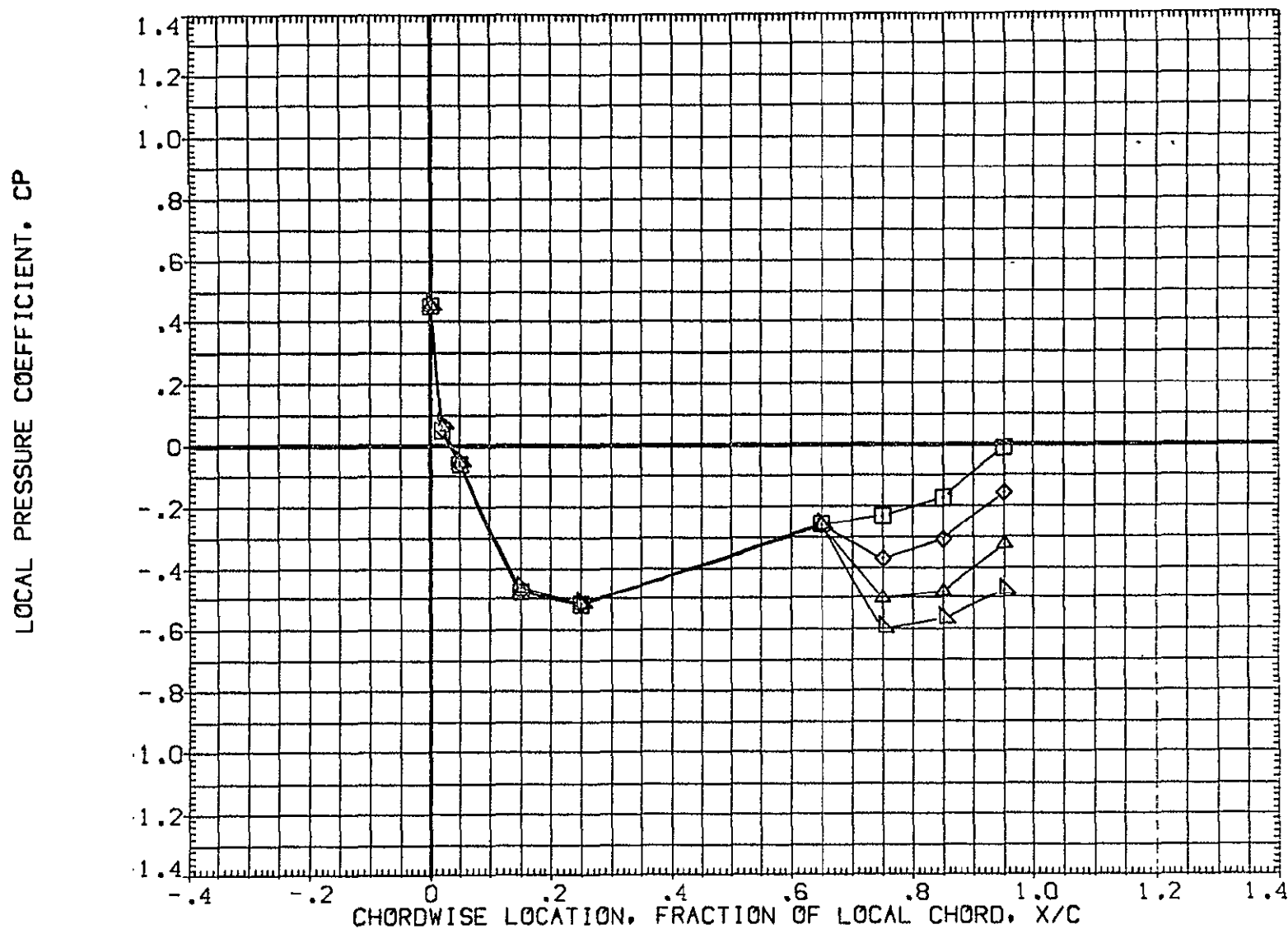


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 4.000 2Y/B = .771 PAGE 1092

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	◇	A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	×	A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	△	A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	▽	A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

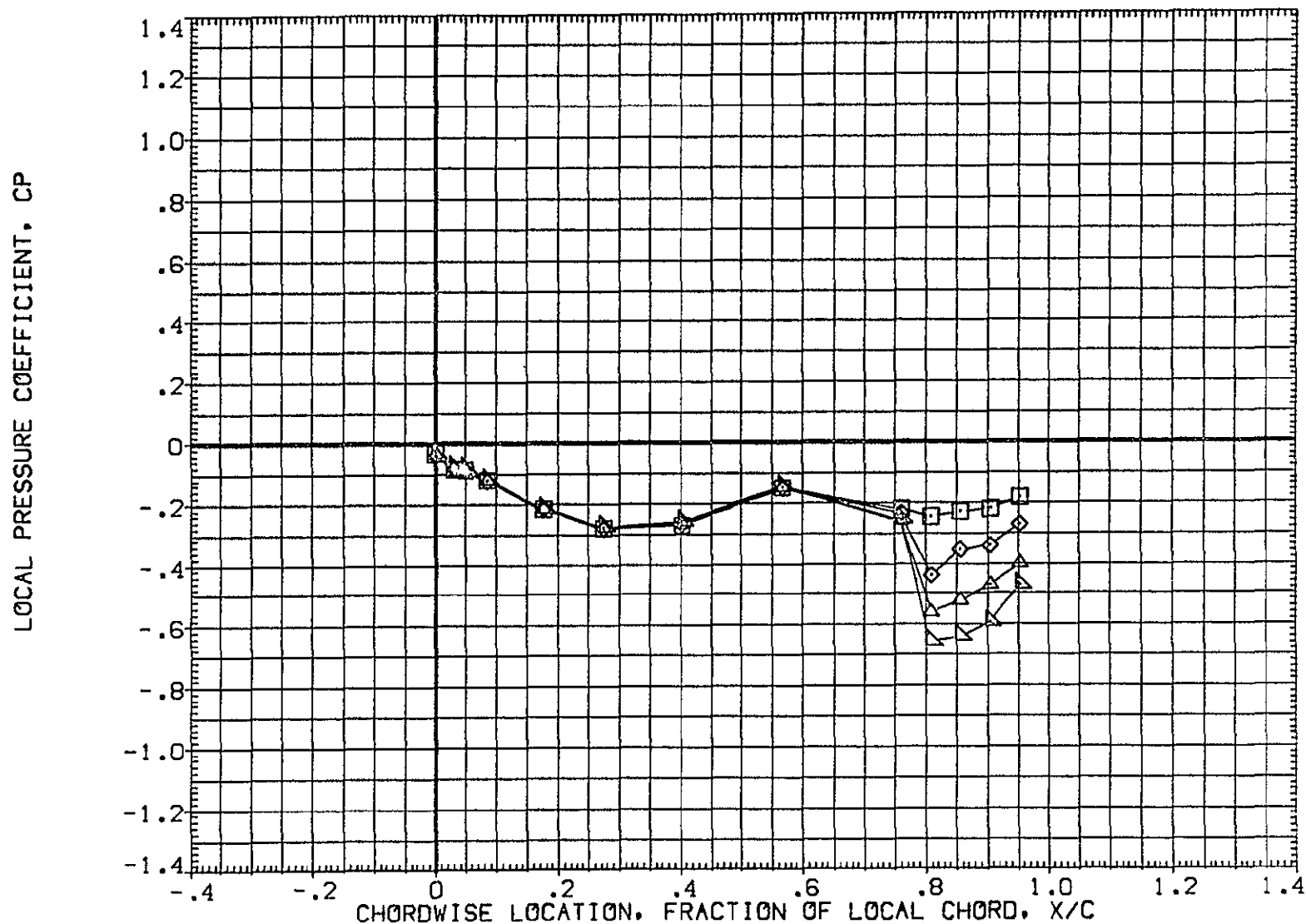


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 6.000 2Y/B = .436 PAGE 1093

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION
(AF7U65)	□	DATA NOT AVAILABLE
(AF7U47)	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE
(AF7U52)	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE
(AF7U57)	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE
(AF7U52)	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

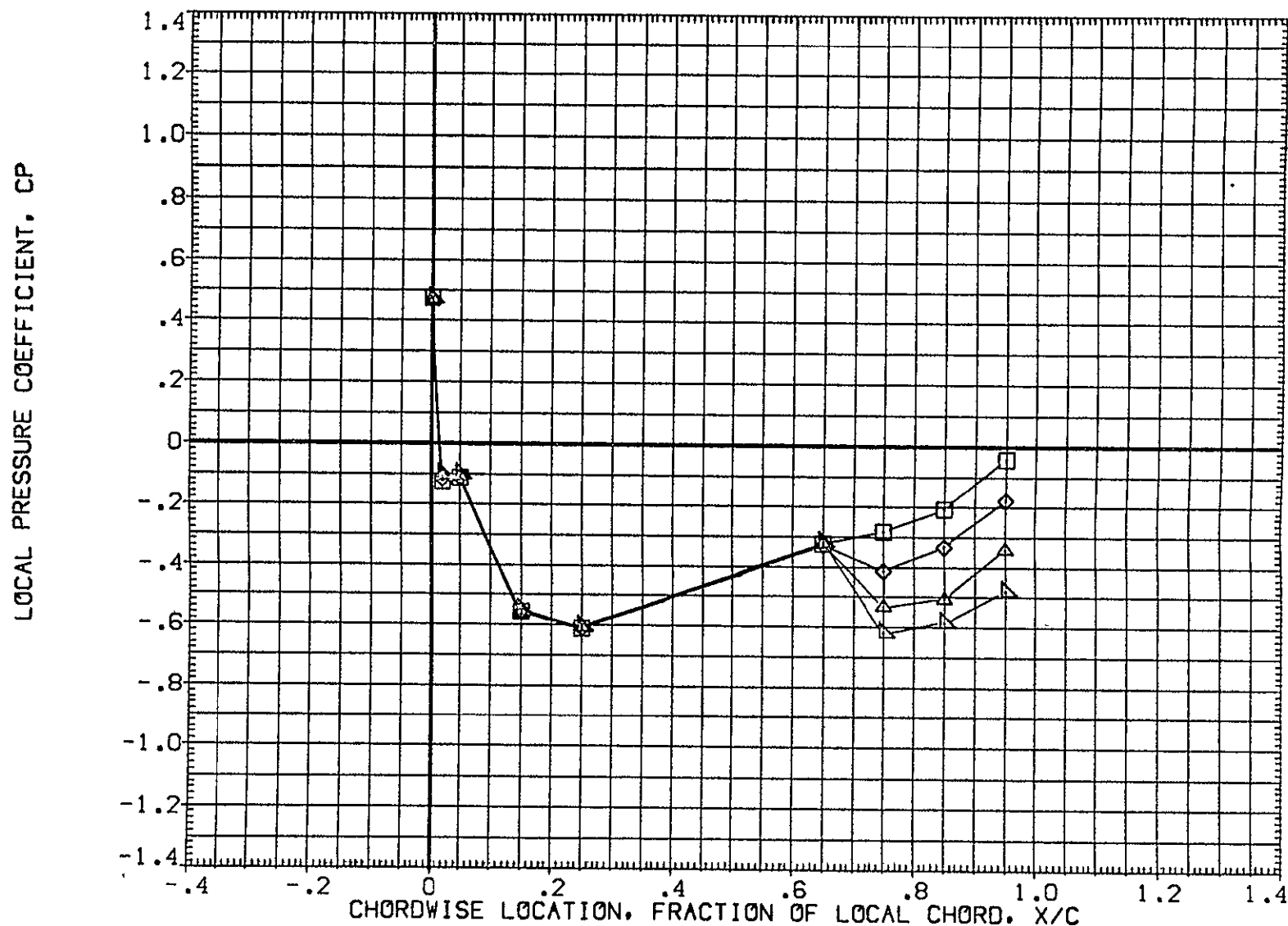


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 6.000 2Y/B = .771 PAGE 1094

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

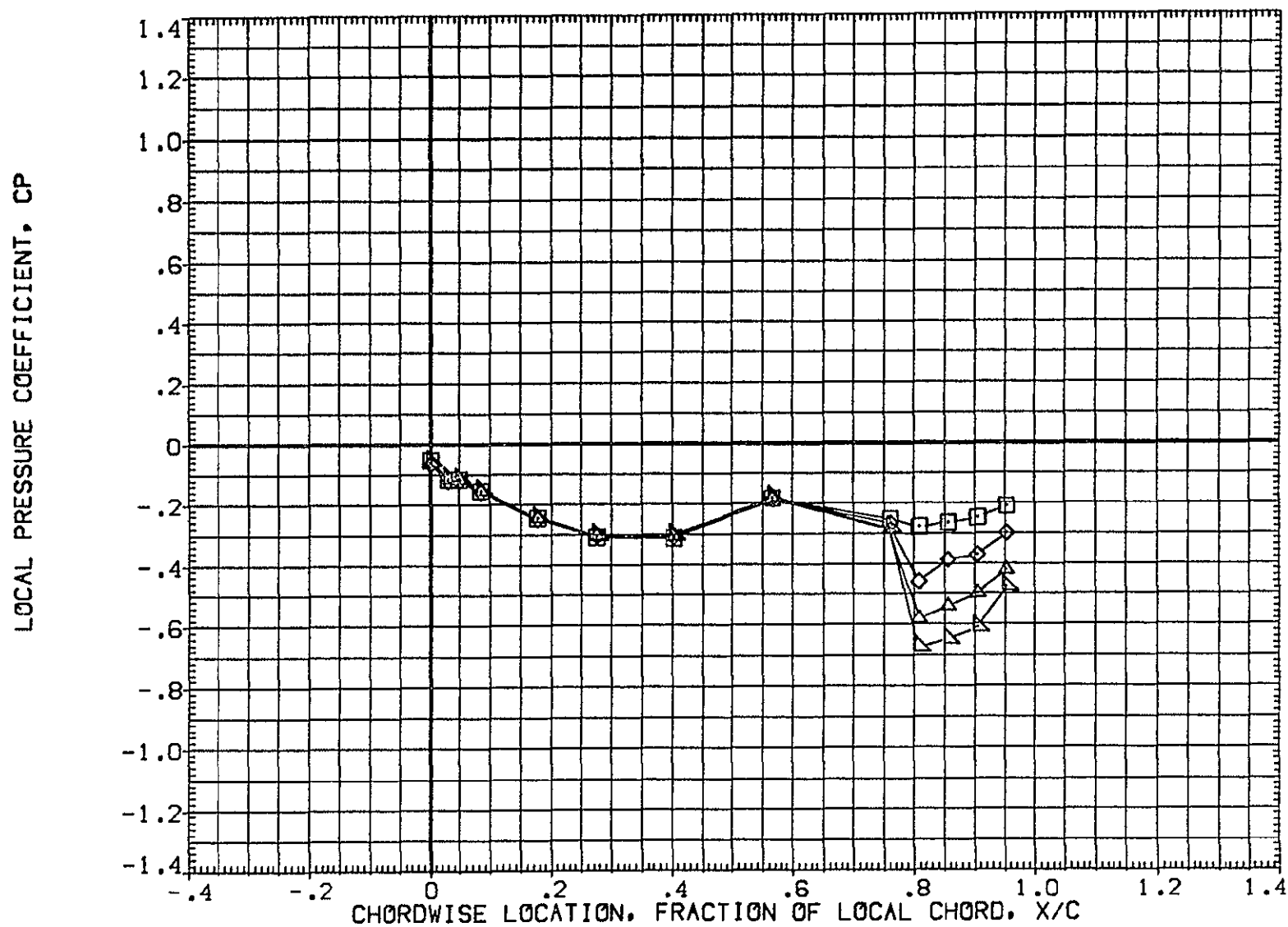


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 8.000 2Y/B = .436 PAGE 1095



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

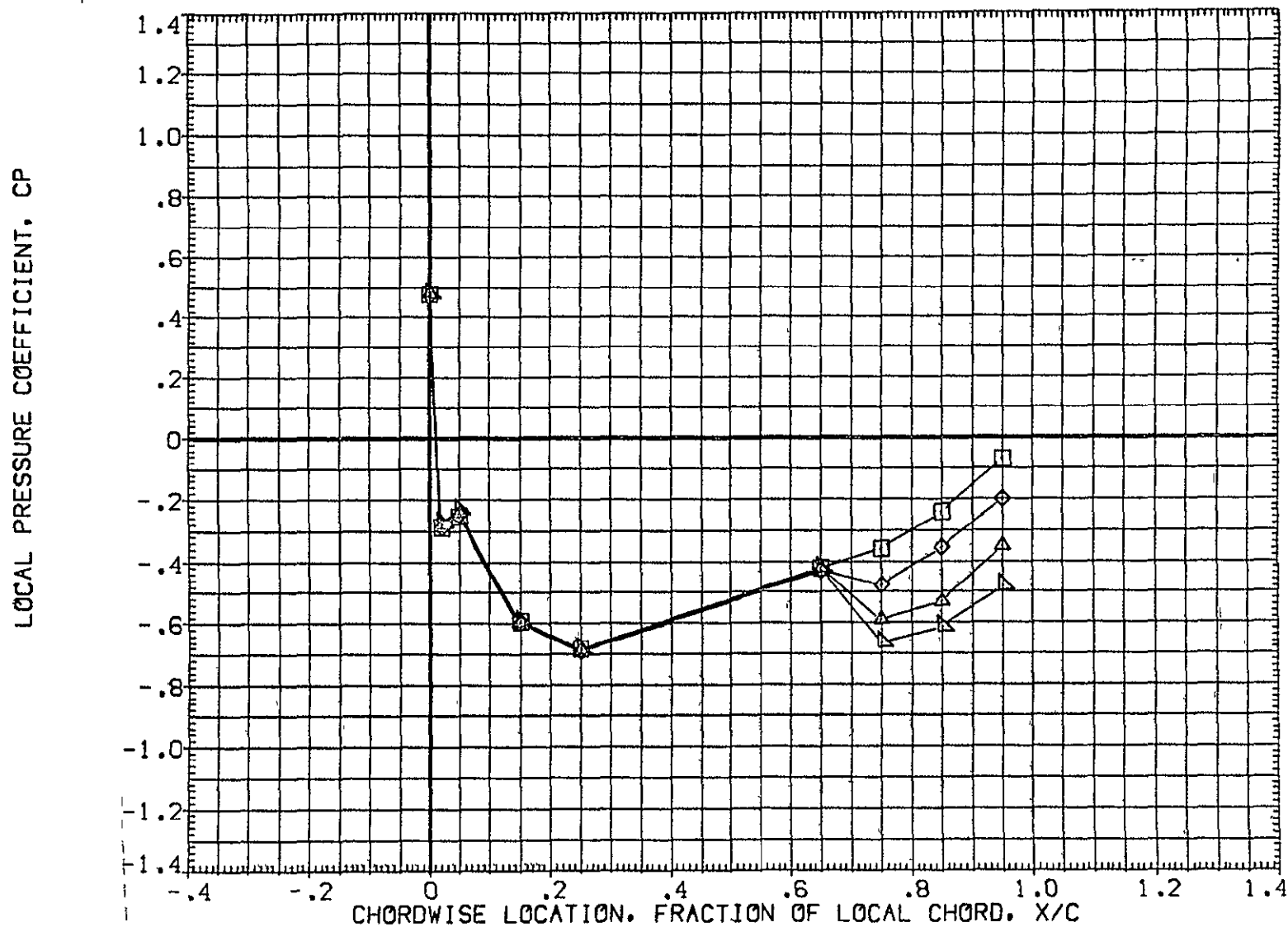


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

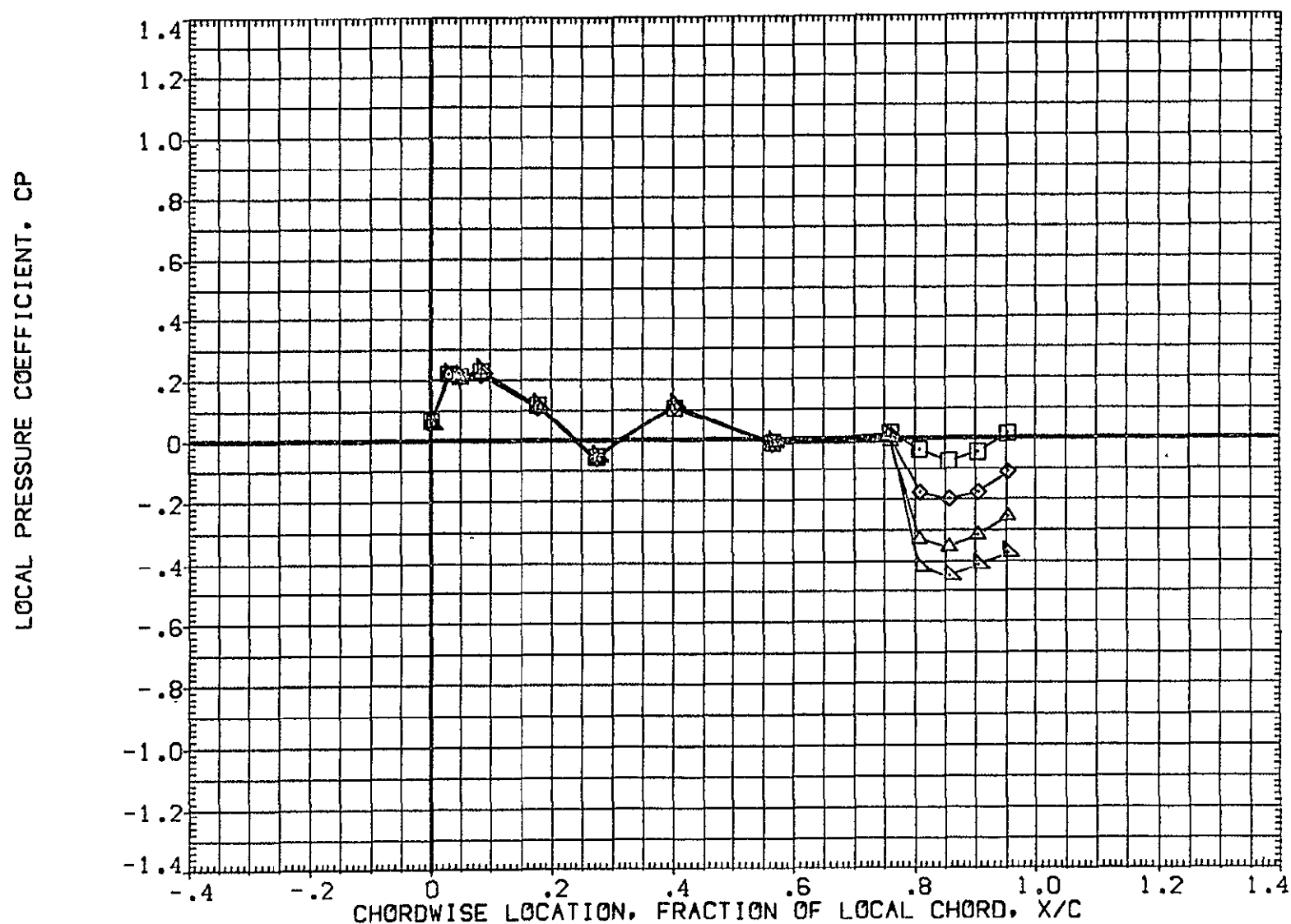


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -8.000 2Y/B = .436 PAGE 1097

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U52]	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

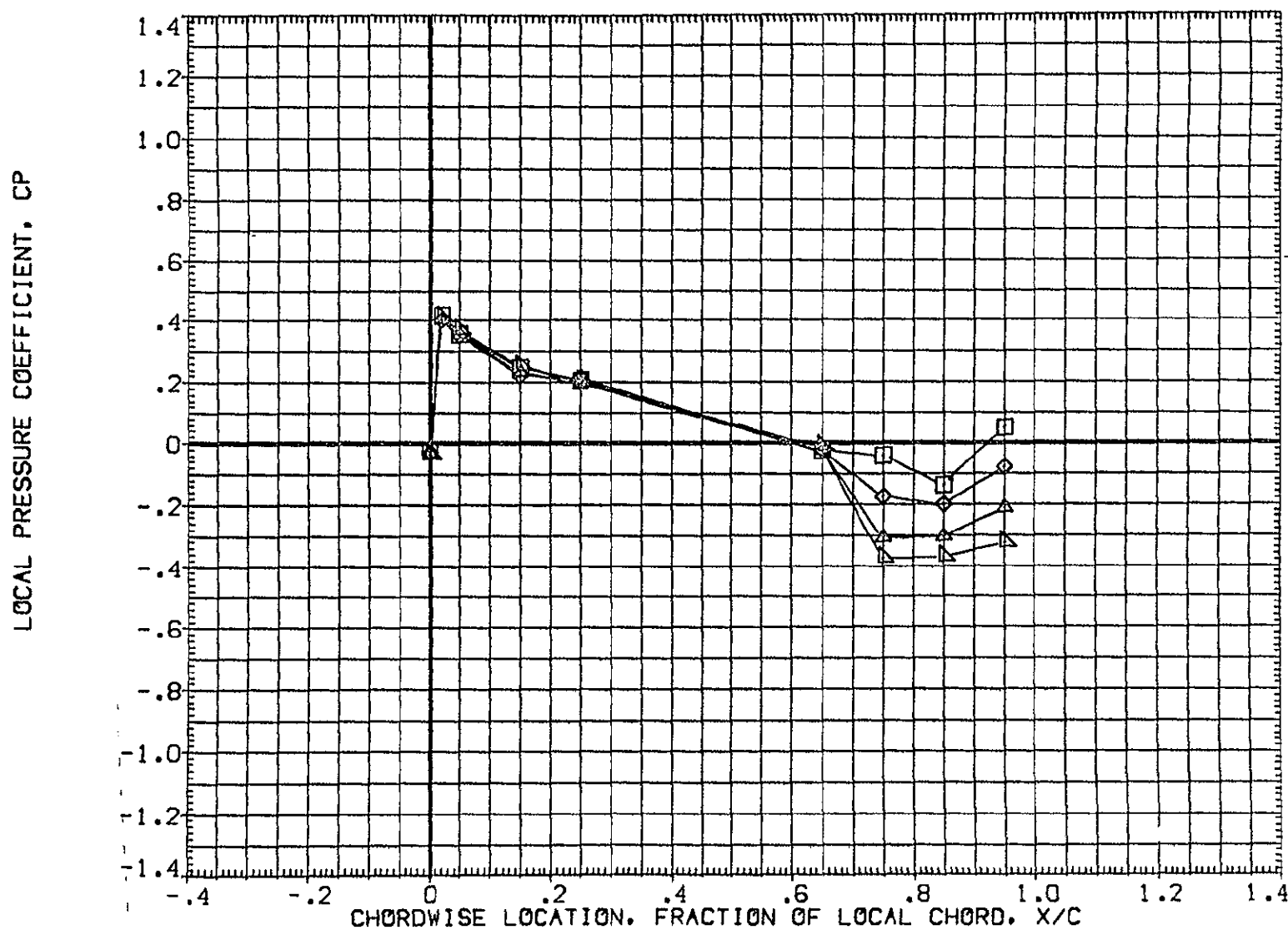


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

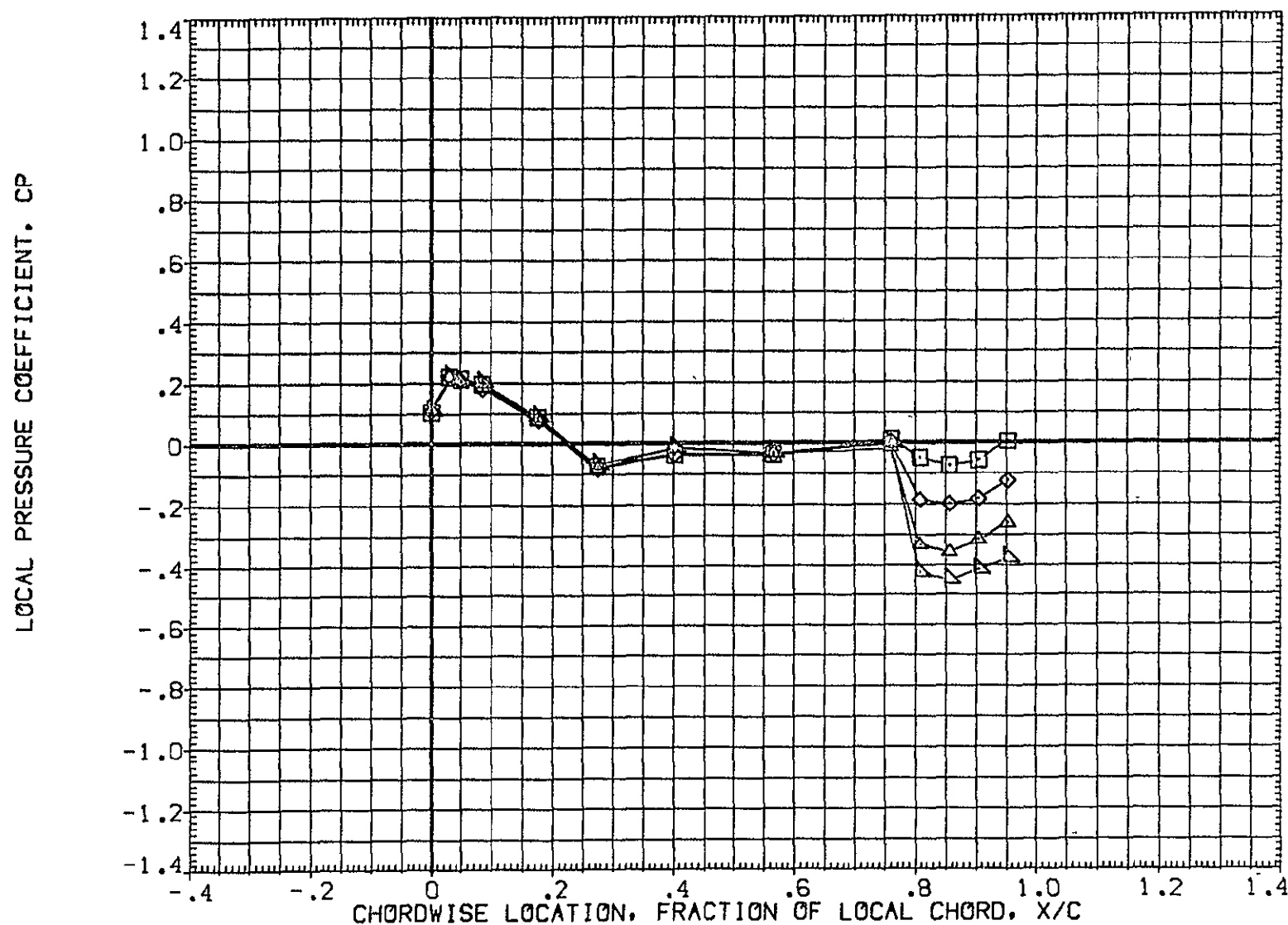


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 1099

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

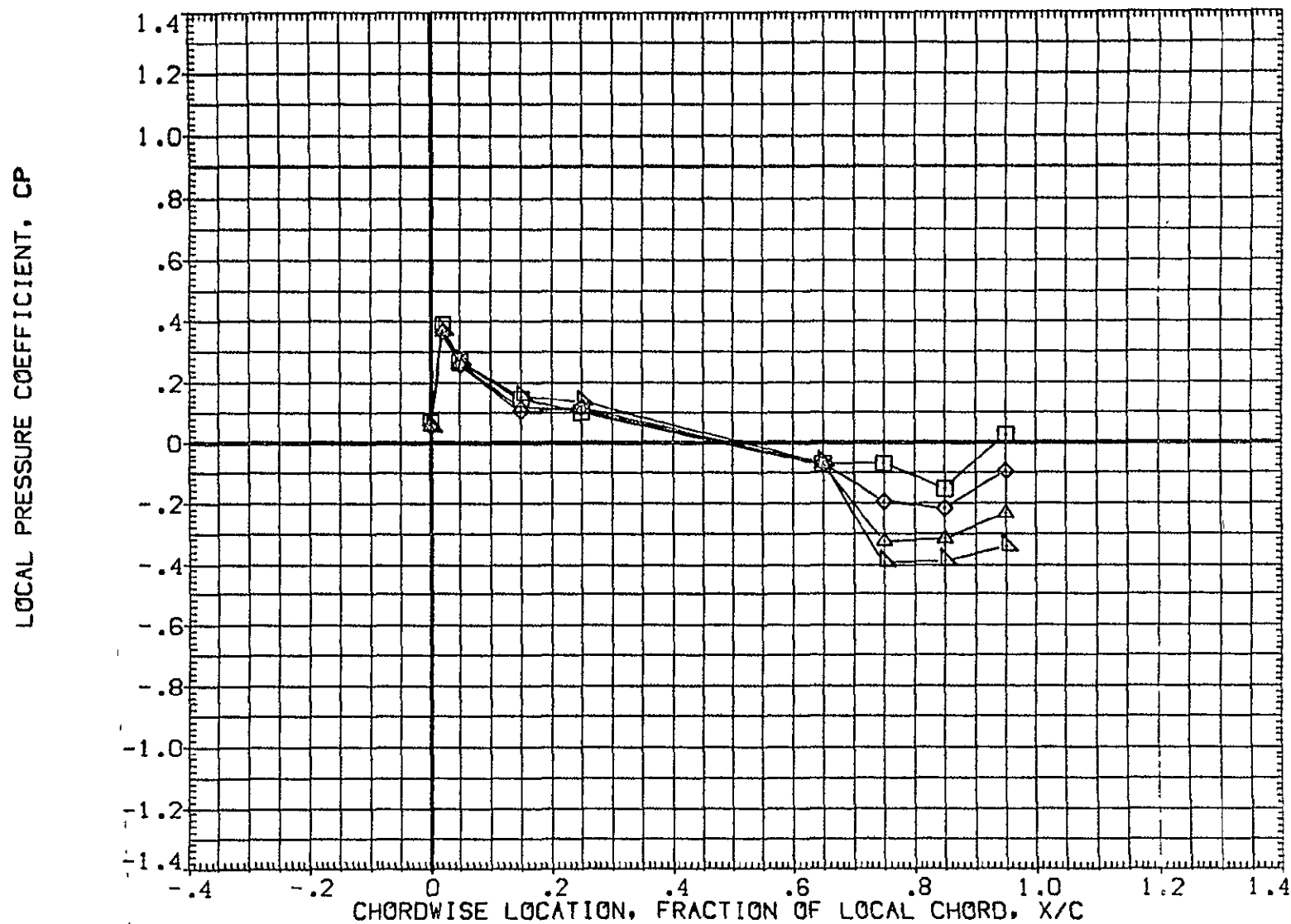


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -6.000 2Y/B = .771 PAGE 1100

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

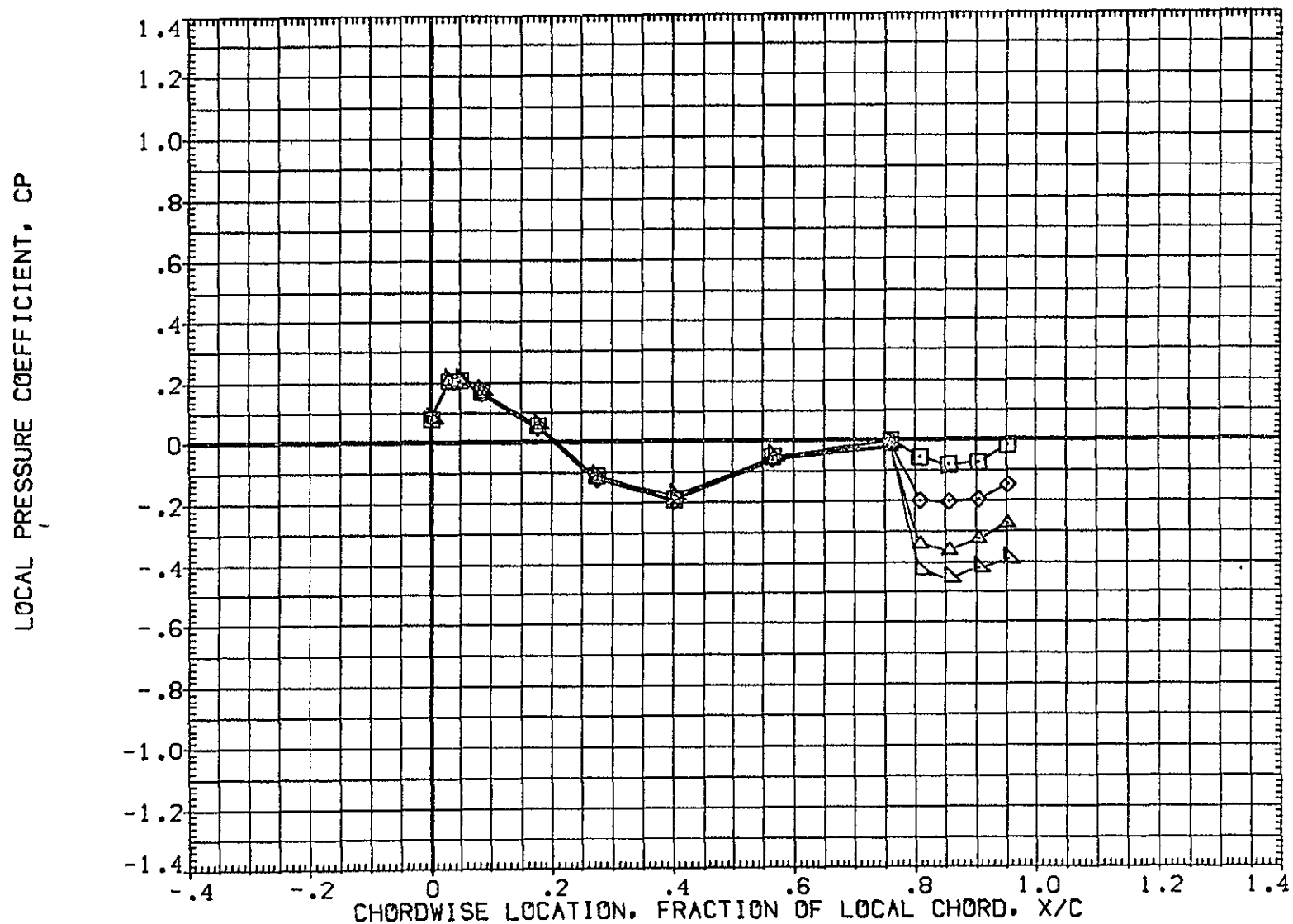


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 1101

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	JA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7052)	JA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7057)	JA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7062)	JA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				

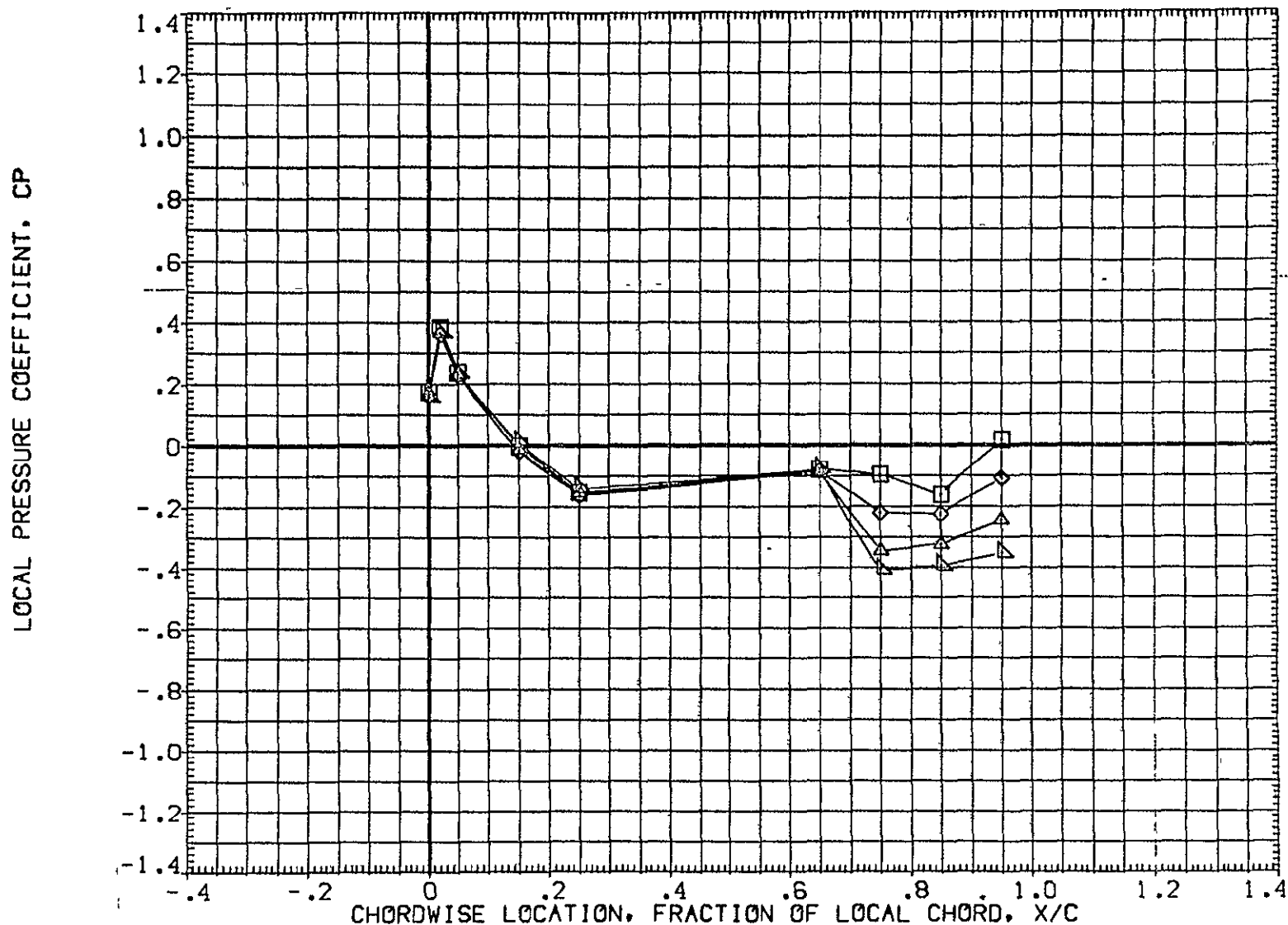


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 1102

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

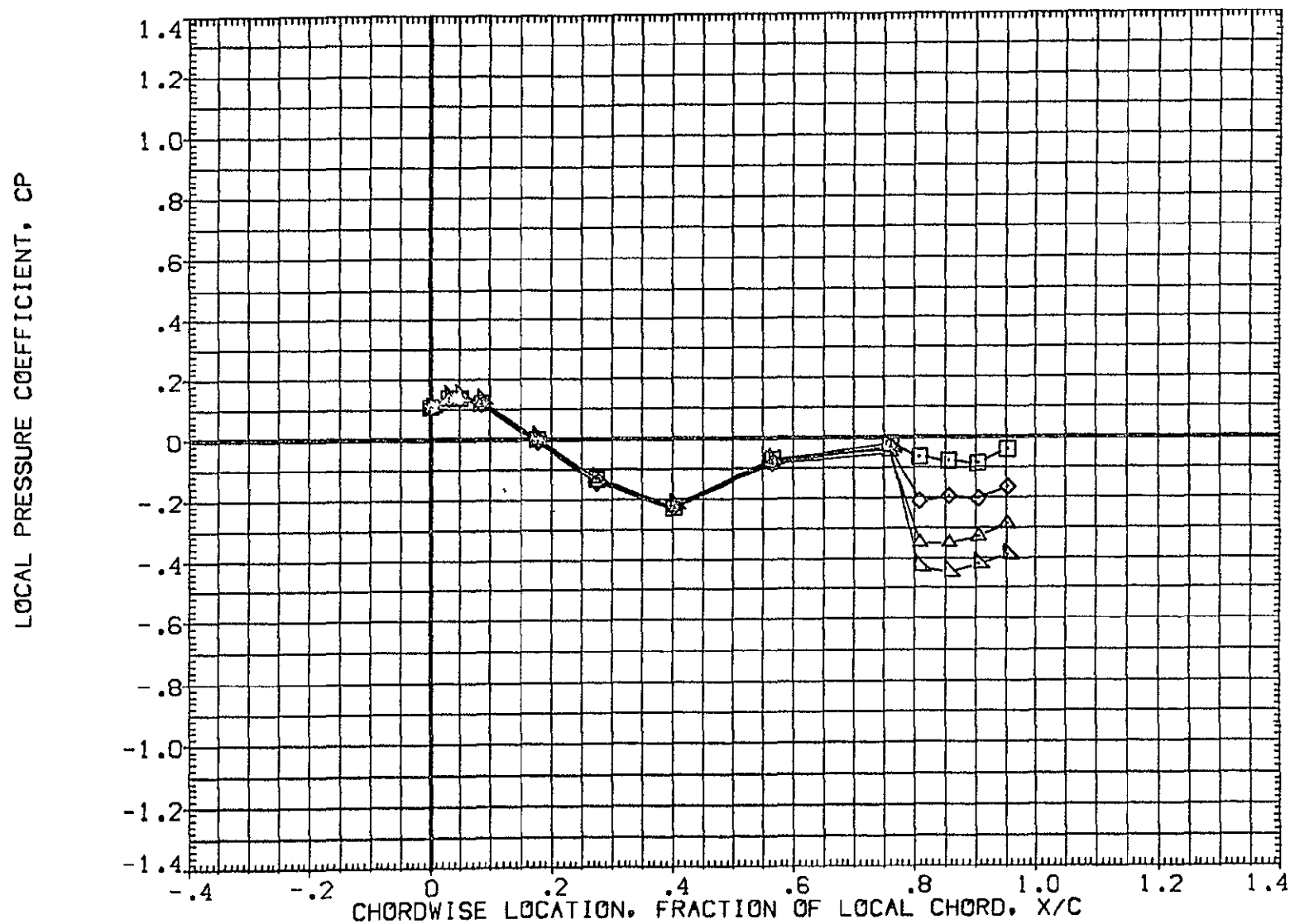


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 1103



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

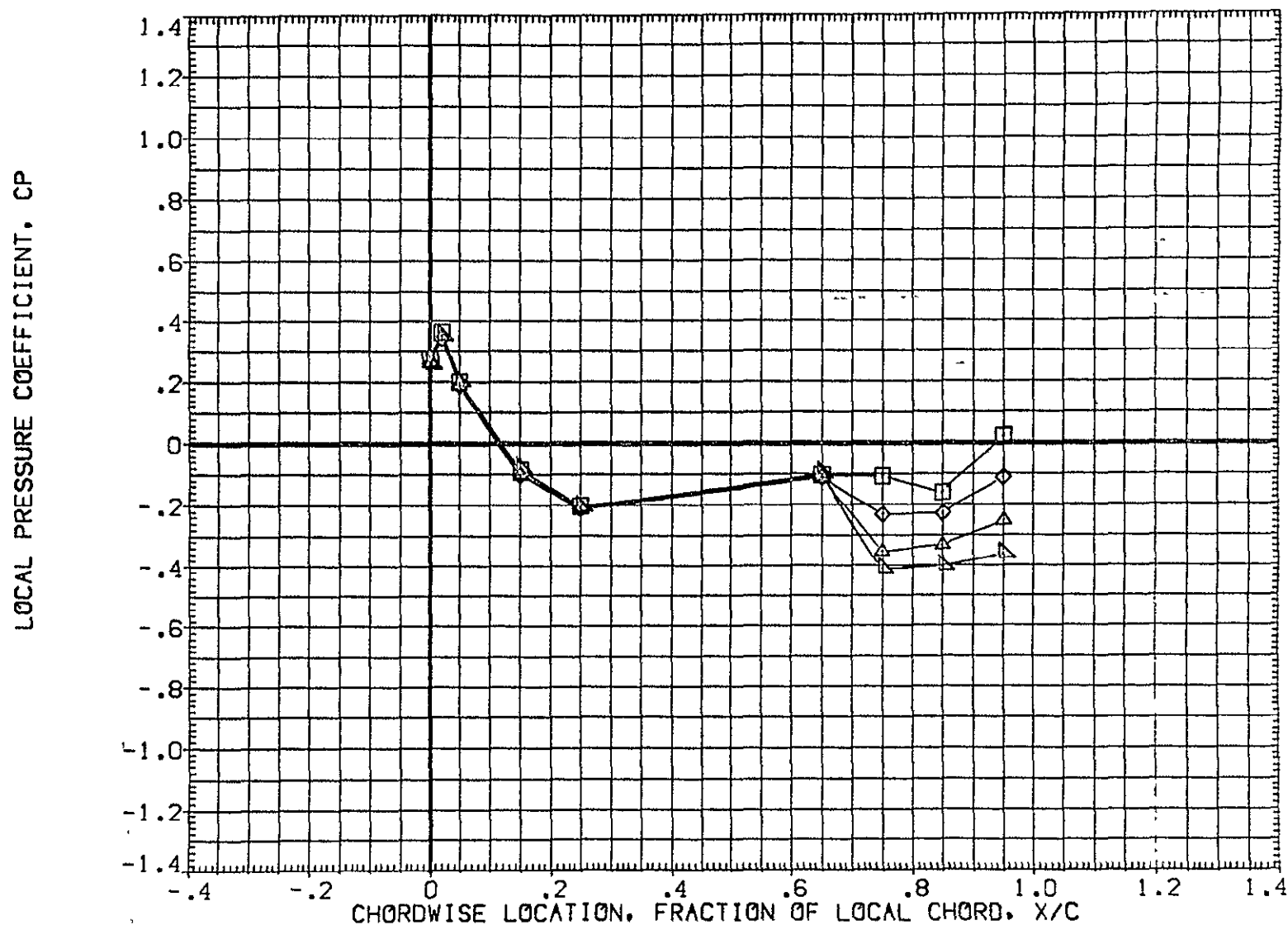


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -2.000 2Y/B = .771 PAGE 1104

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	□	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	◇	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	◇	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	△	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	△	1A70 01 T12 S1 P2 P8 VING UPPER SURFACE	8.000	12.000	12.000	12.000

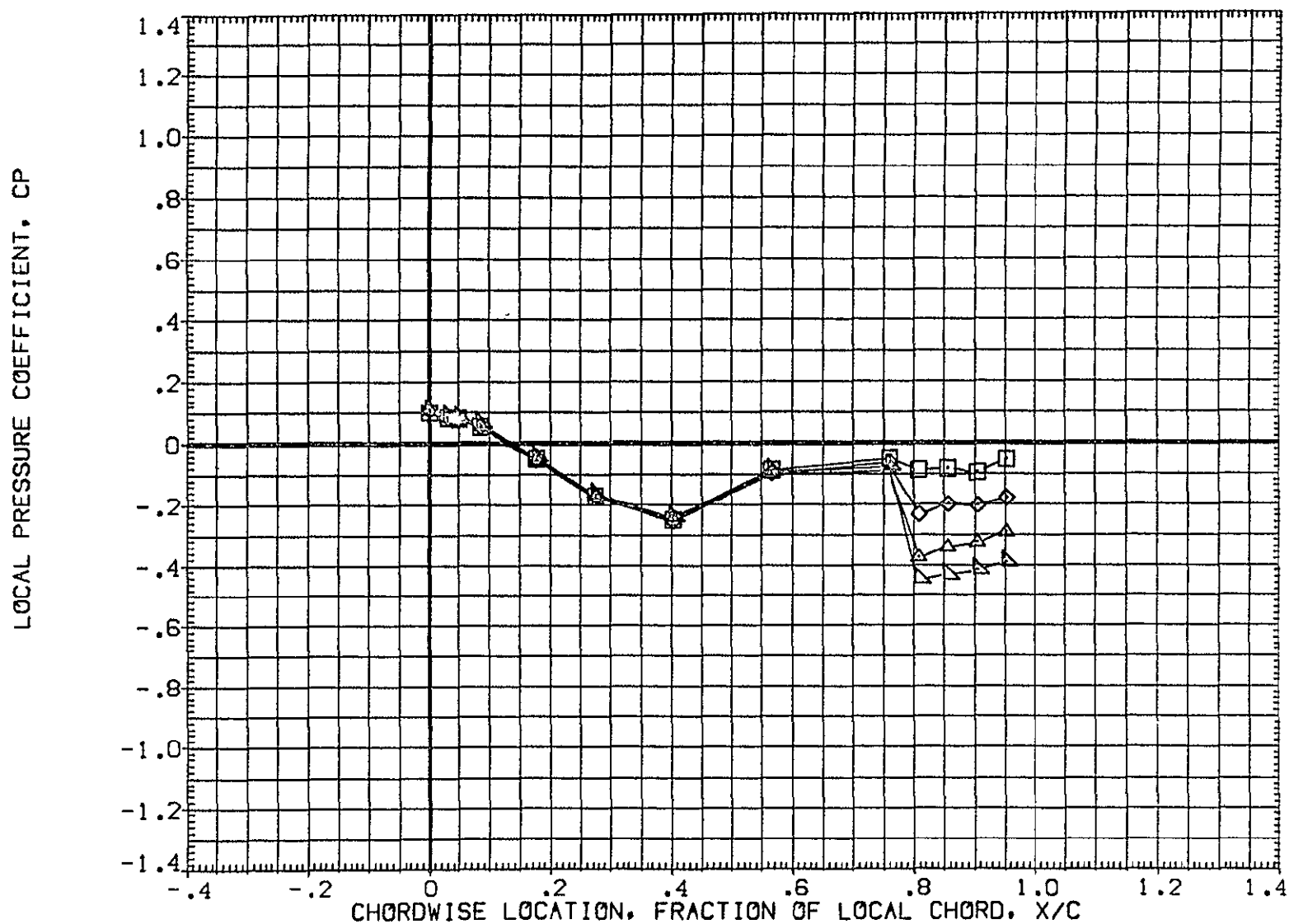


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = .000 2Y/B = .436 PAGE 1105

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

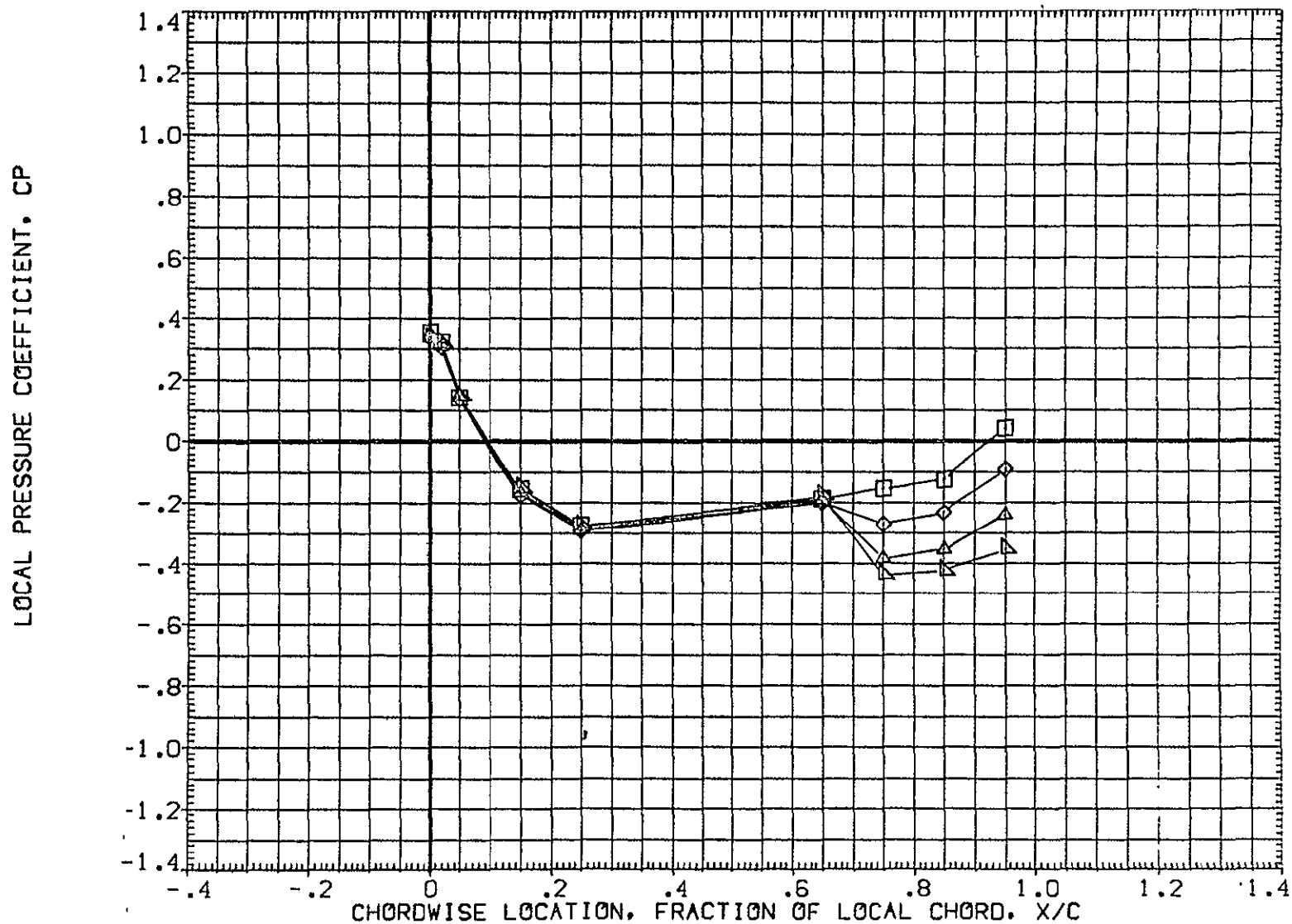


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = 1.240 ALPHA = .000  $2Y/B = .771$  PAGE 1106

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

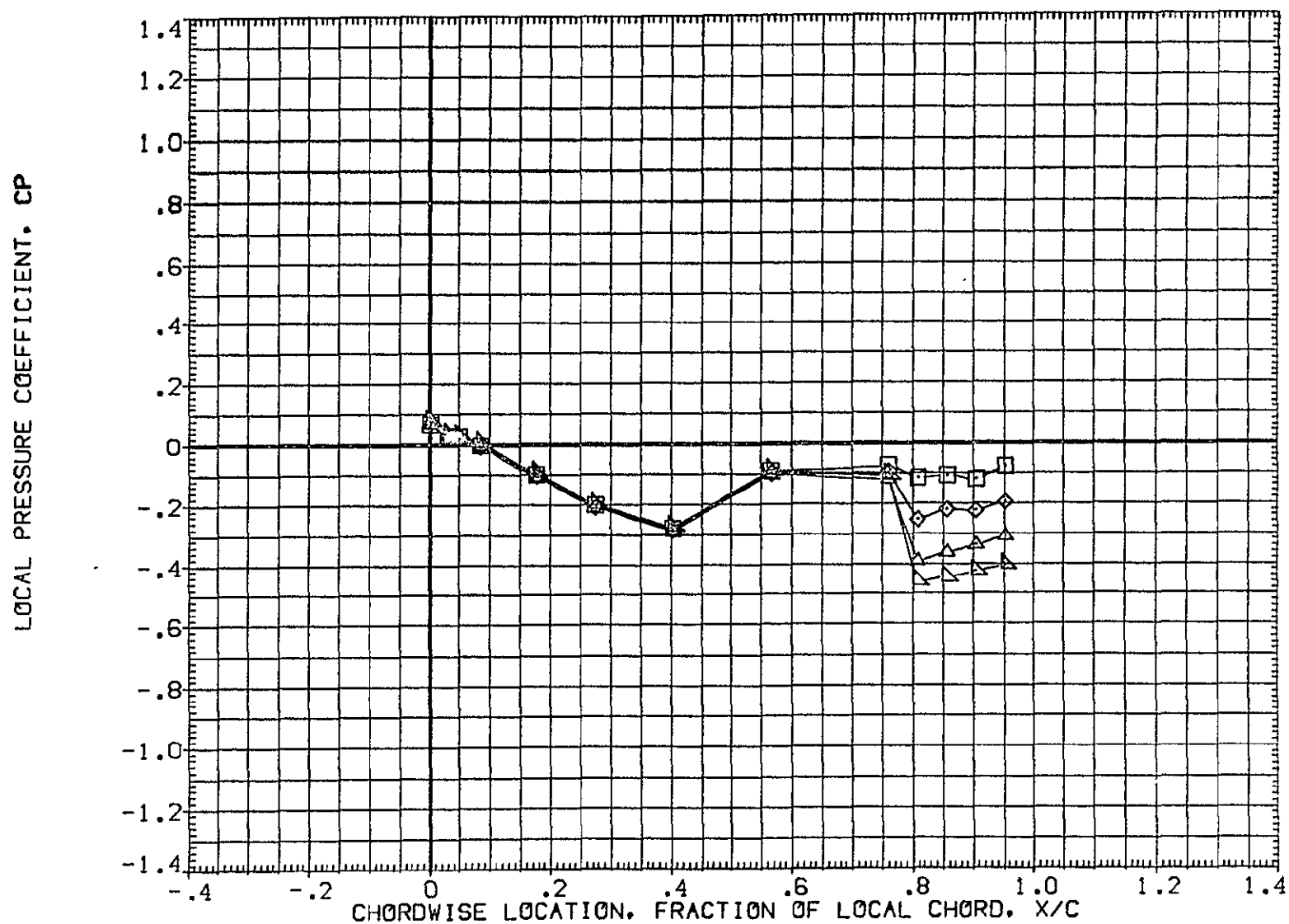


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVEN DEFLECTION, BETA = -8

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U52}	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U57}	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U62}	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				
	WING UPPER SURFACE				

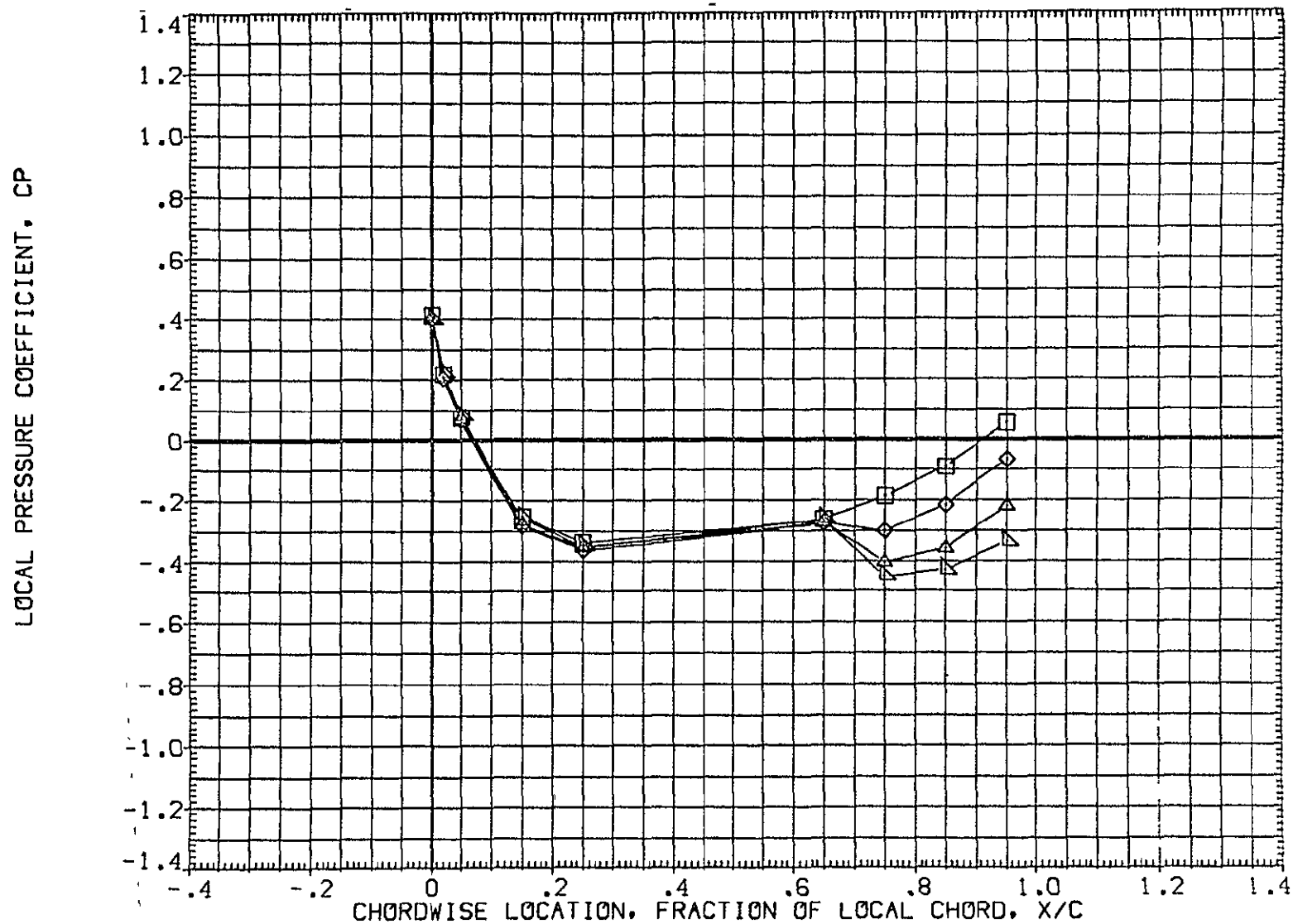


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 2.000 2Y/B = .771 PAGE 1108

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

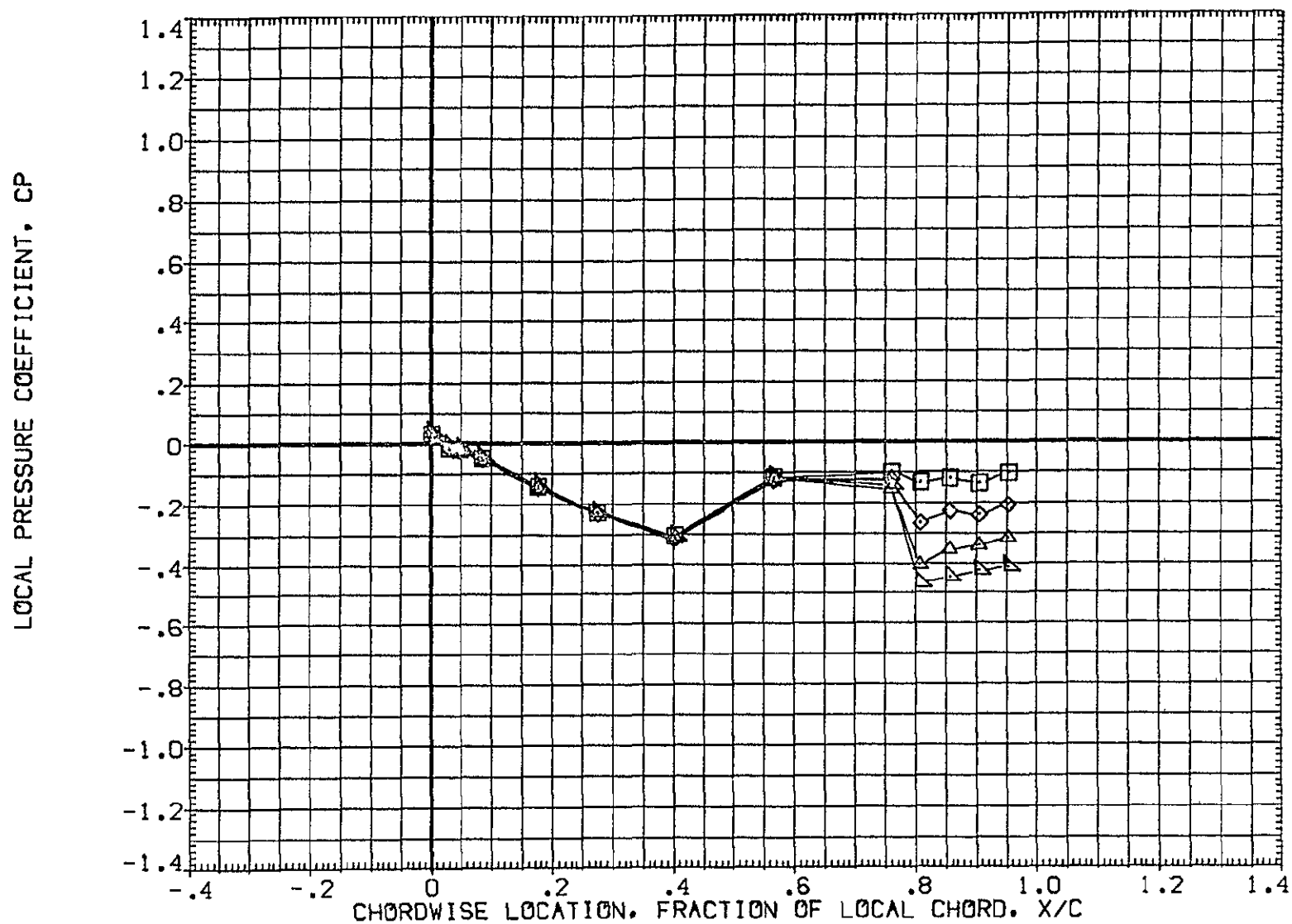


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 1109

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

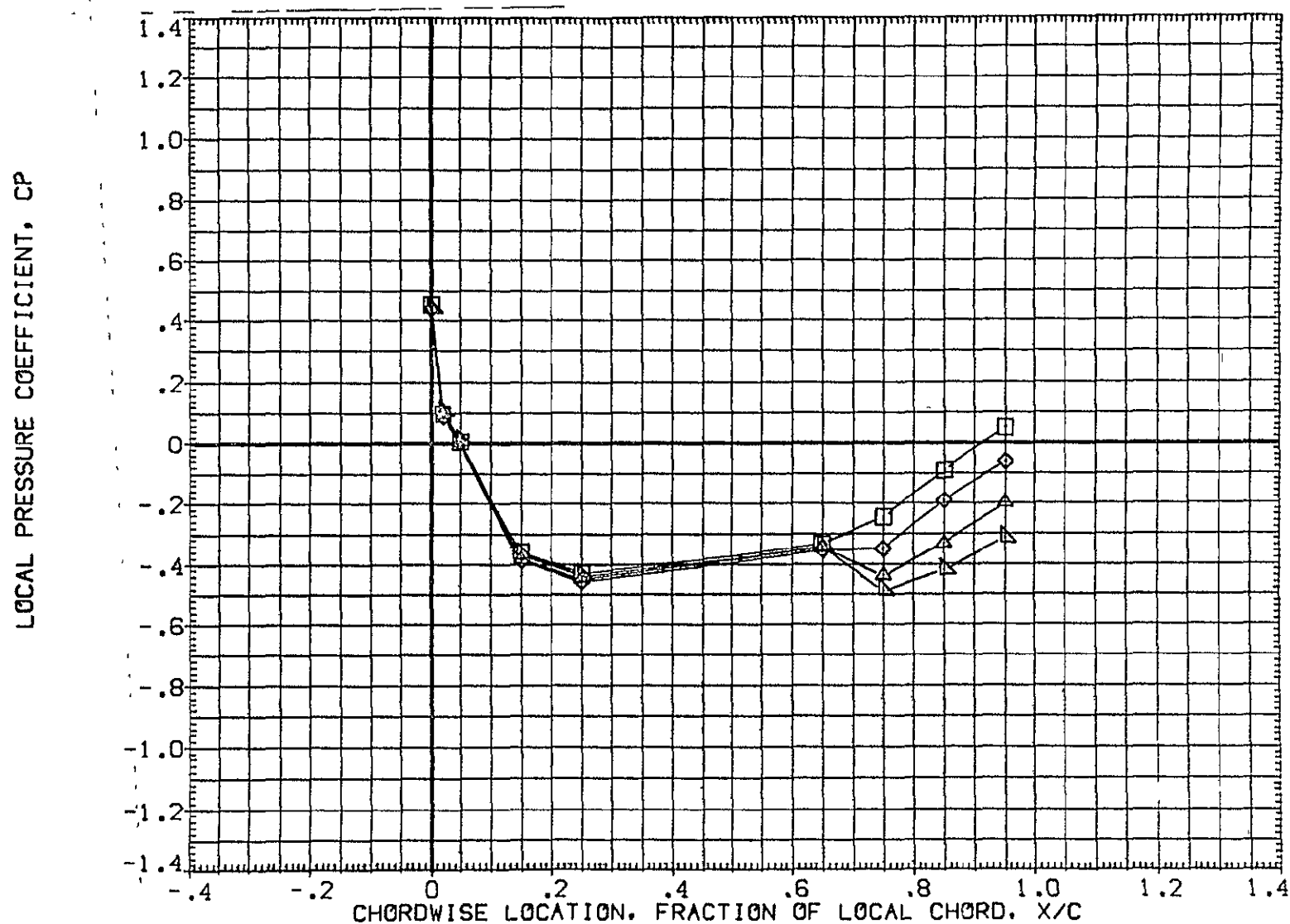


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 4.000 2Y/B = .771 PAGE 1110

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	□	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

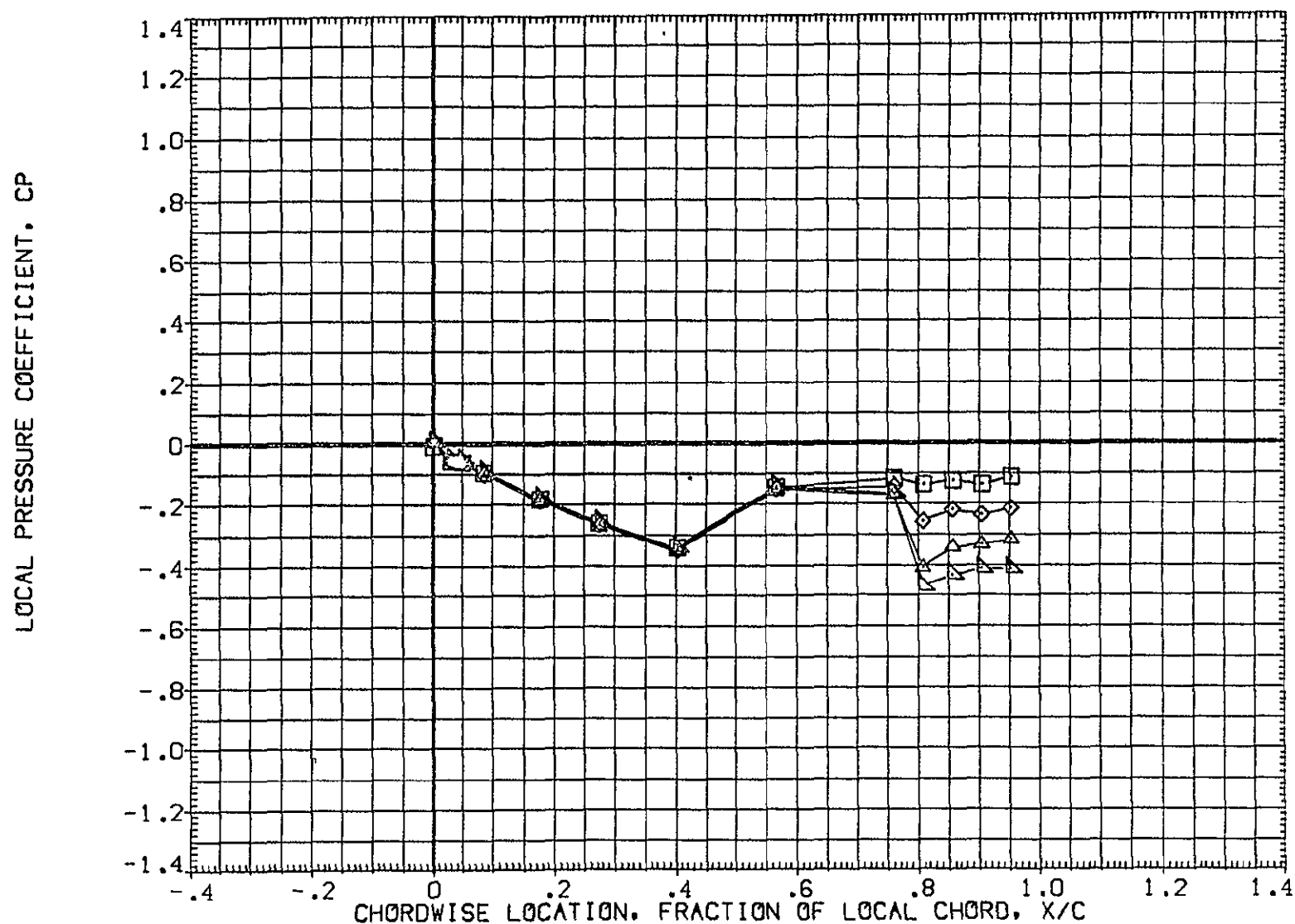


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 1111



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

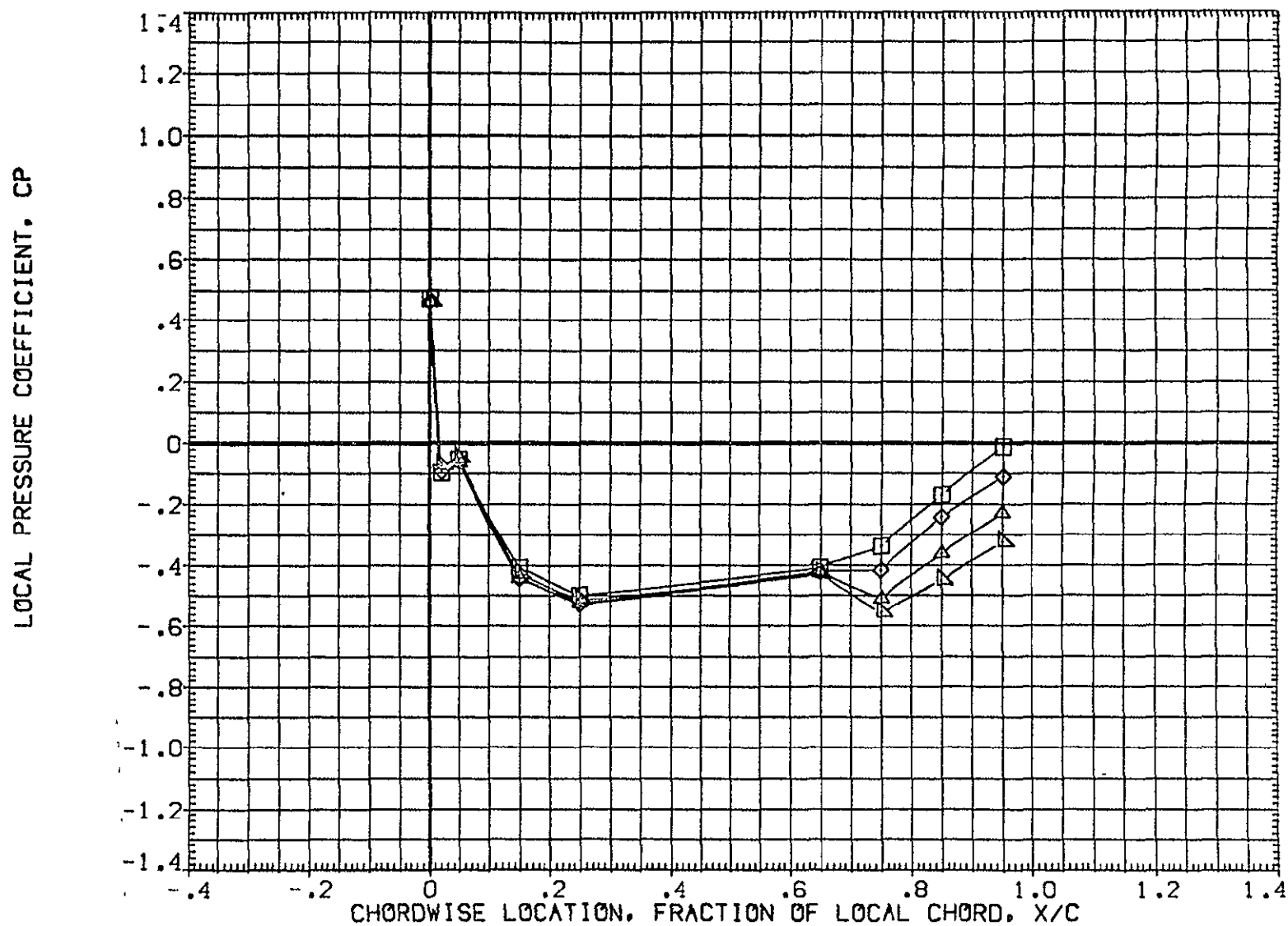


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 1112

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

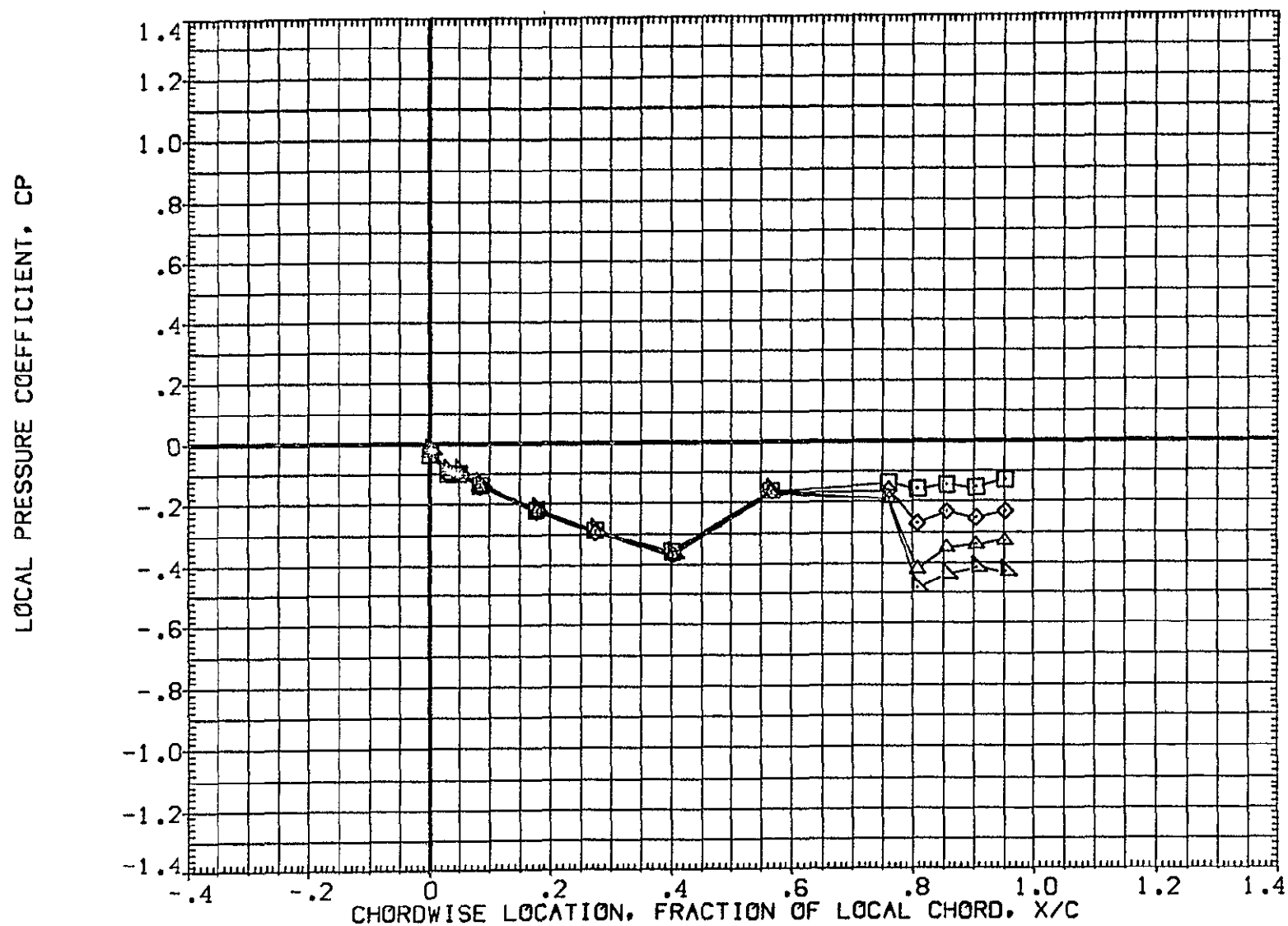


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 1113

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7U47}	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U52}	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7U57}	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7U62}	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

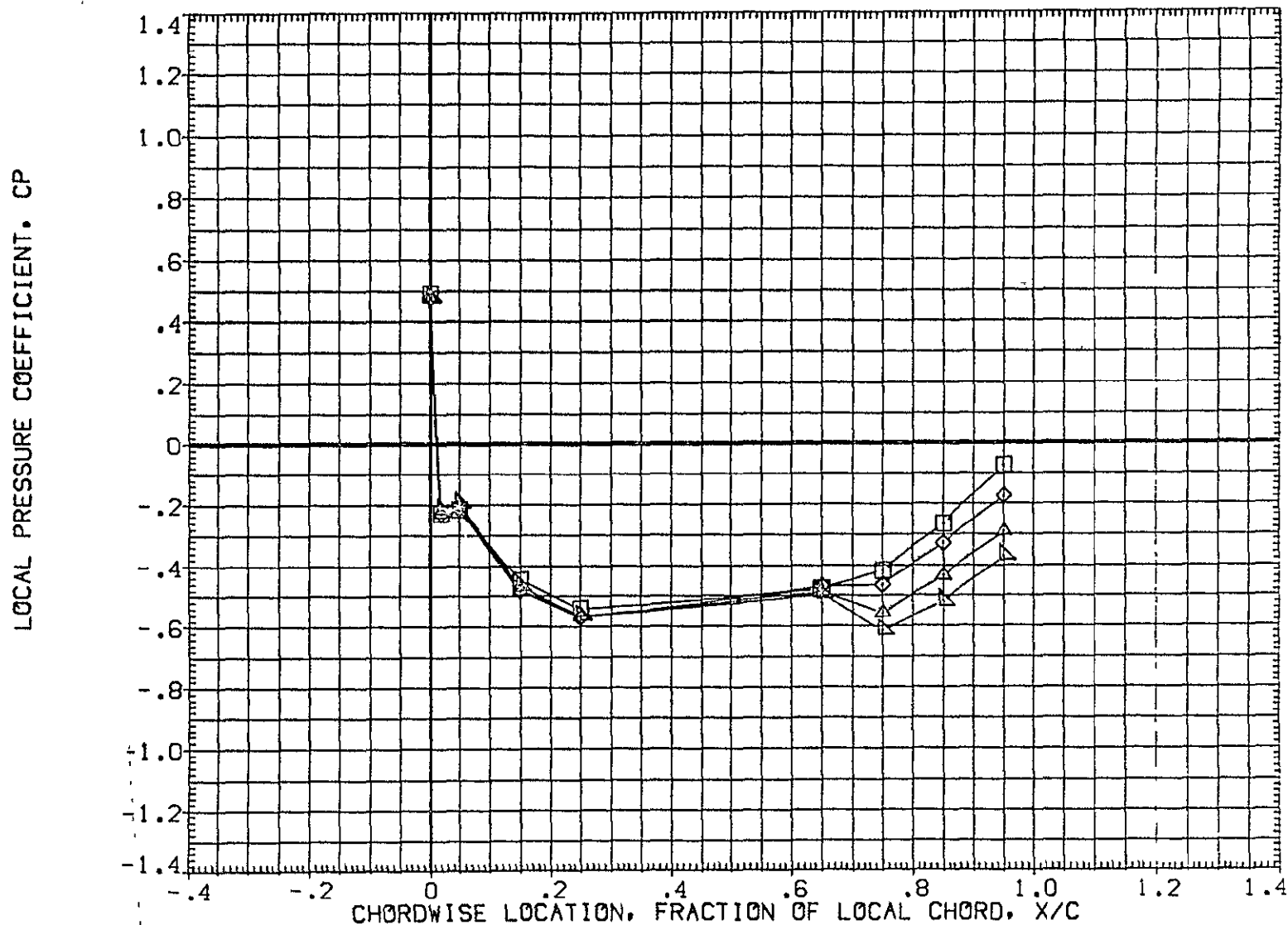


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	□	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	□	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

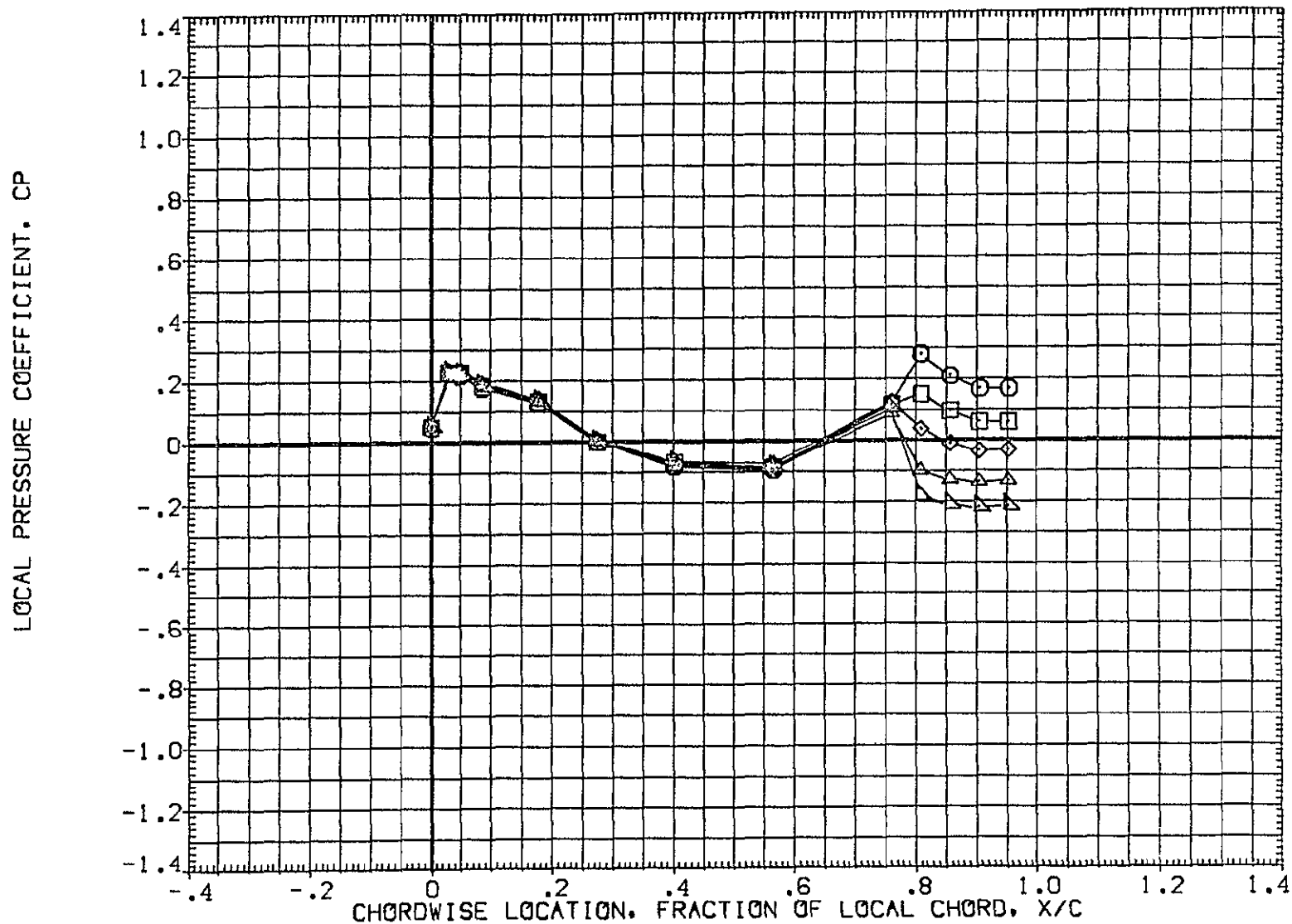


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -8.000 2Y/B = .436 PAGE 1115

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

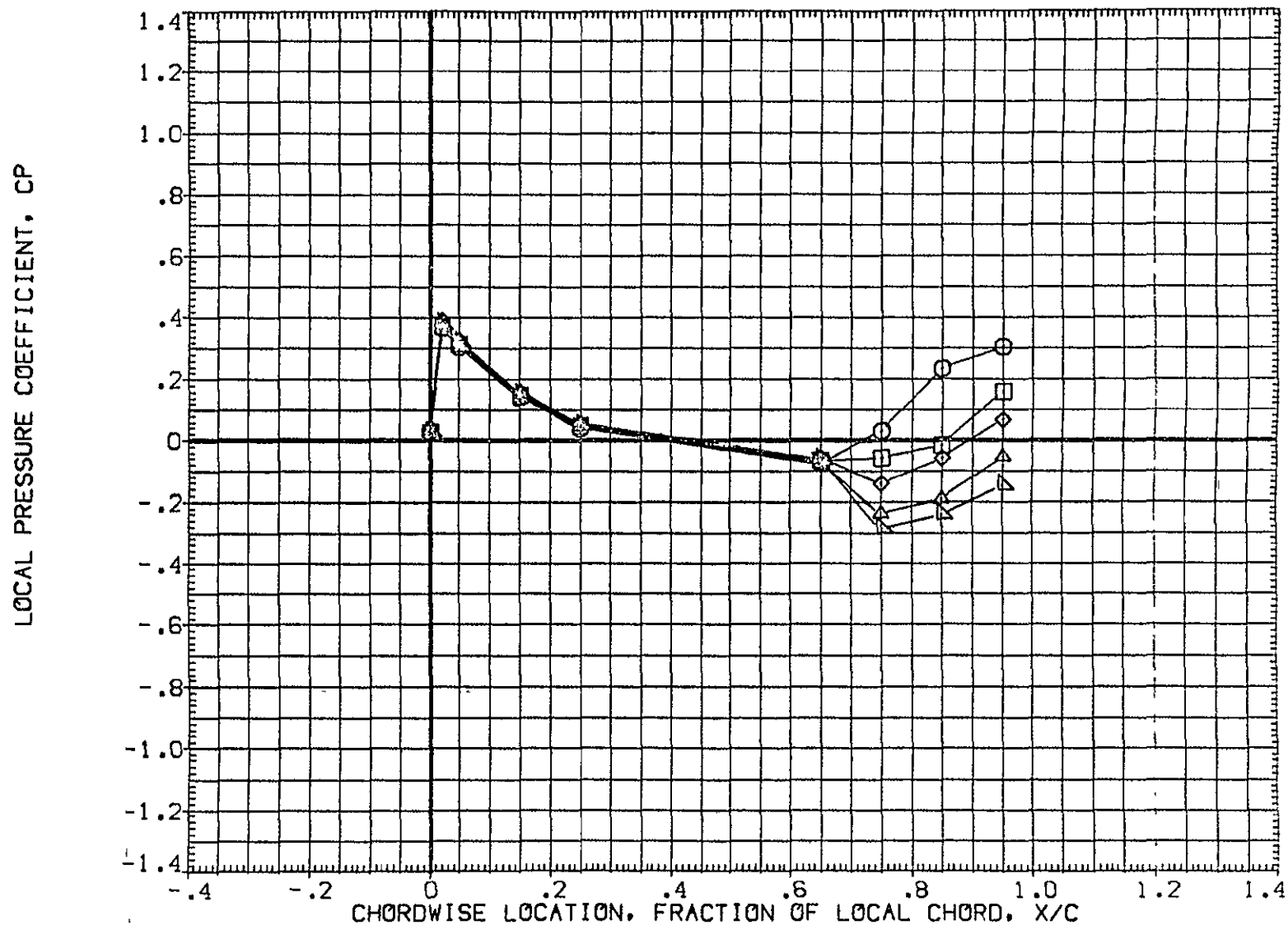


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -8.000 2Y/B = .771 PAGE 1116

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
{AF7U47}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U52}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
{AF7U57}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U62}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

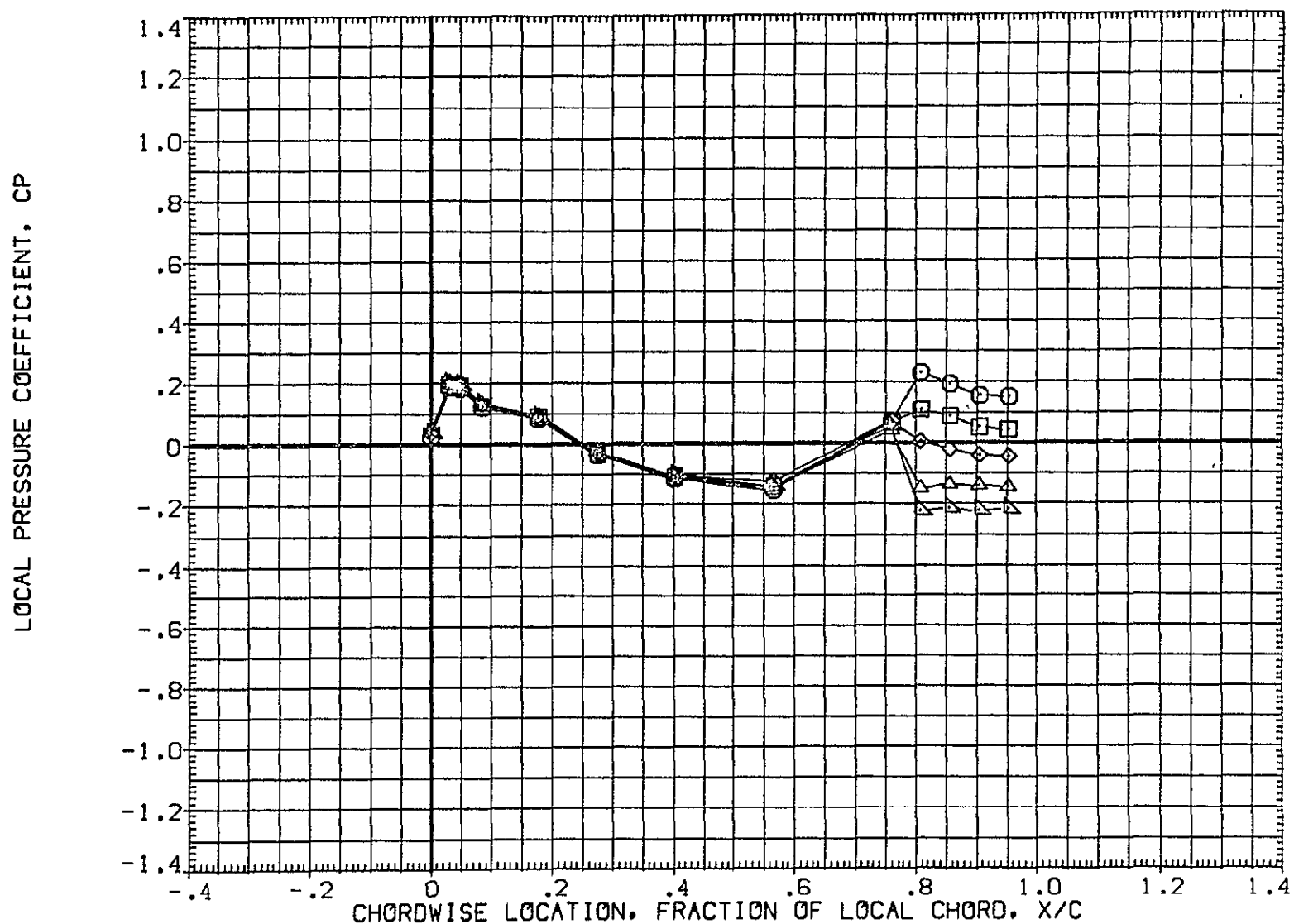


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

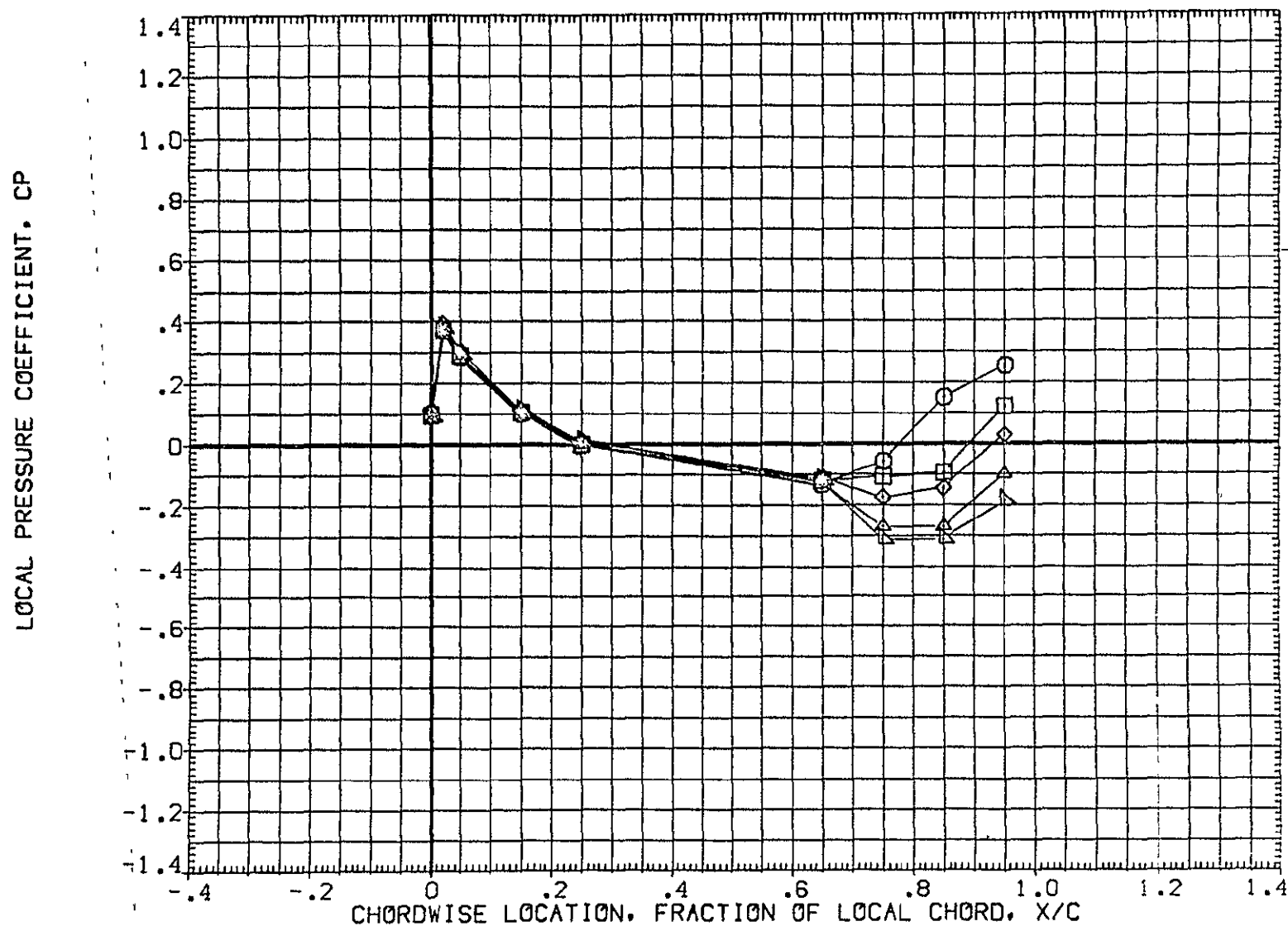


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

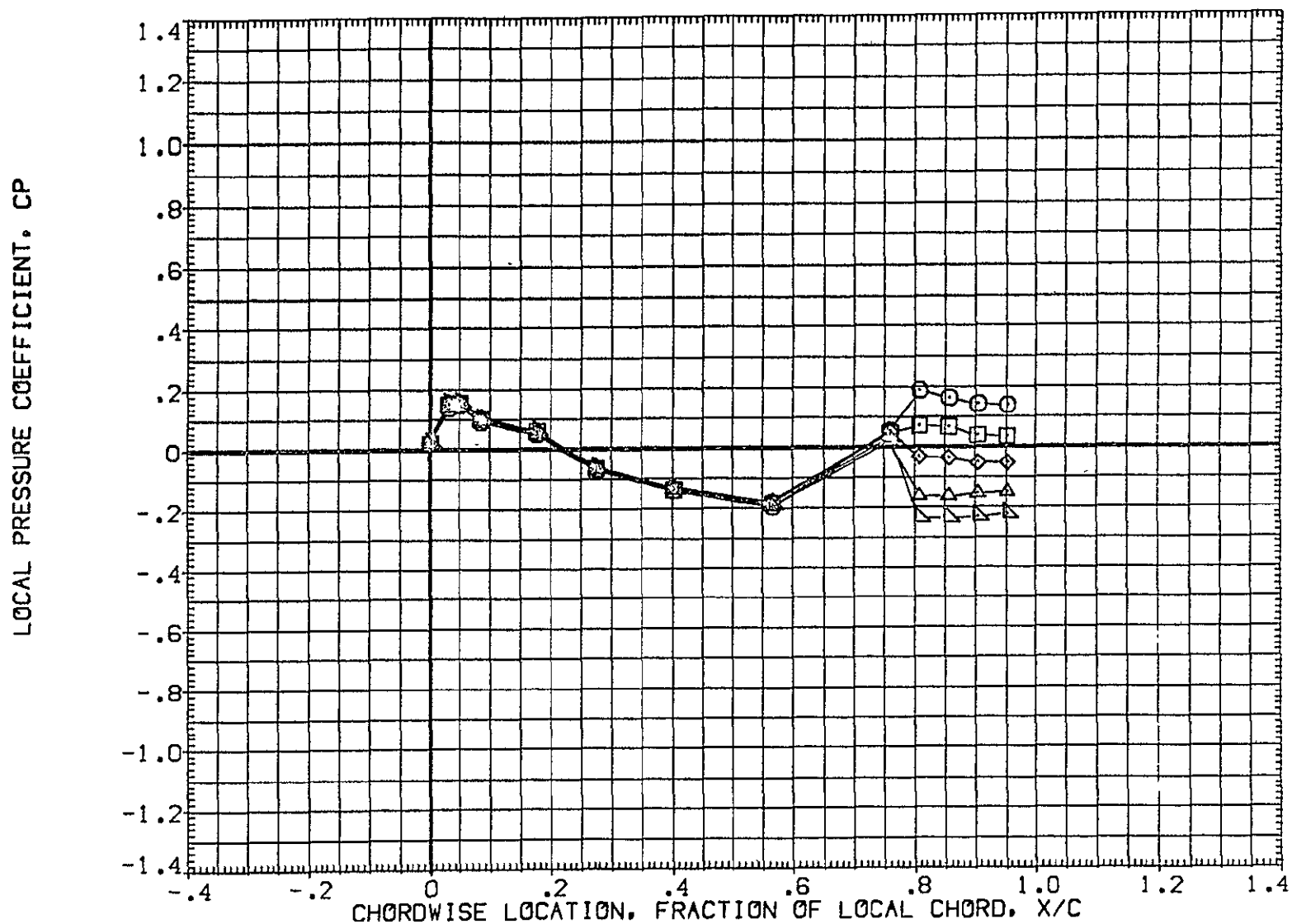


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

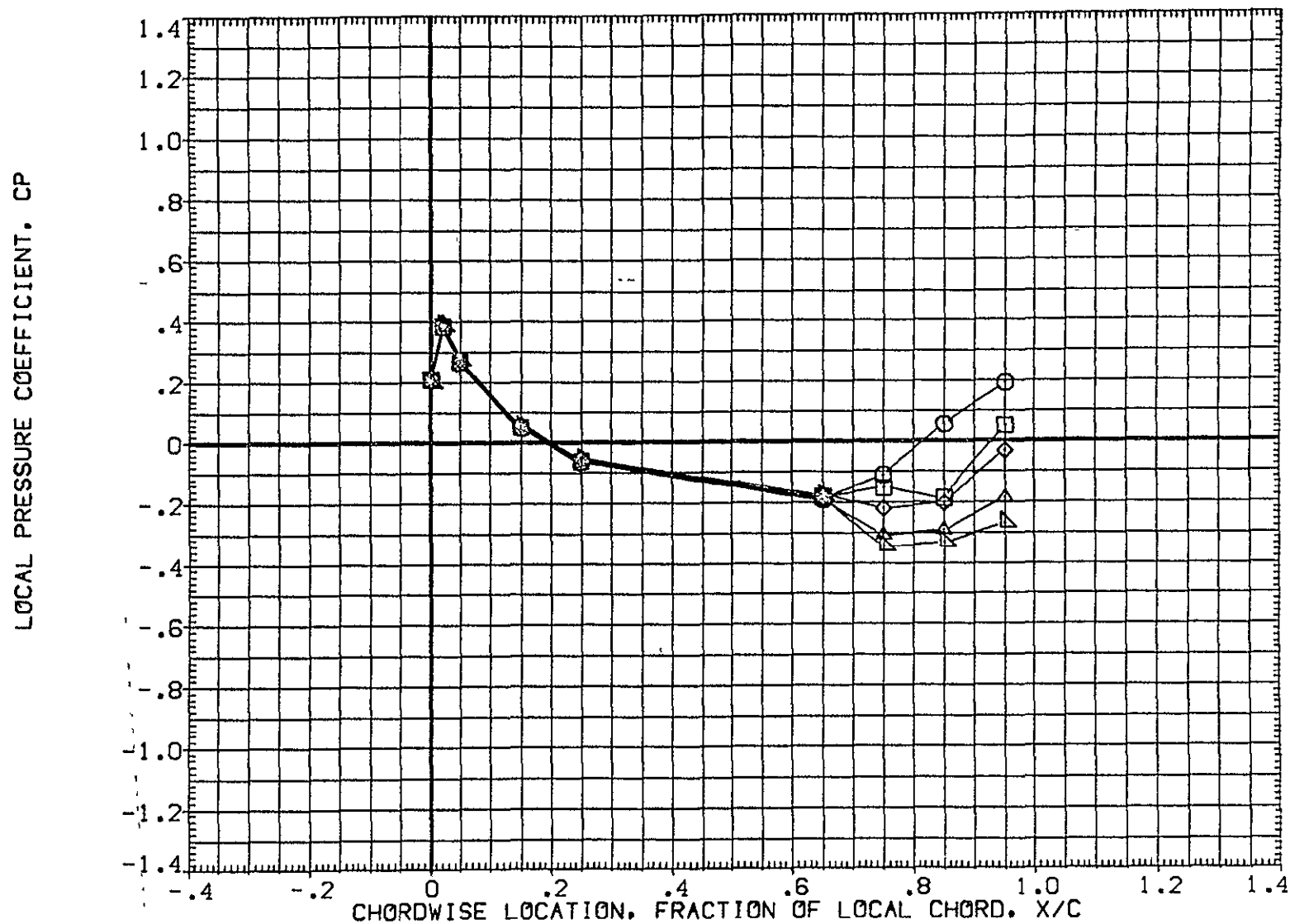


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -4.000 2Y/B = .771 PAGE 1120

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION								ELV-1	ELV-2	ELV-3	ELV-4
{AF7U65}	○	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	-4.000	.000	-4.000	-4.000	
{AF7U47}	□	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	.000	.000	.000	.000	
{AF7U52}	◇	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	4.000	4.000	4.000	4.000	
{AF7U57}	△	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	8.000	8.000	8.000	8.000	
{AF7U62}	▽	1A70	01	T12	S1	P2	P8	WING UPPER SURFACE	8.000	12.000	12.000	12.000	

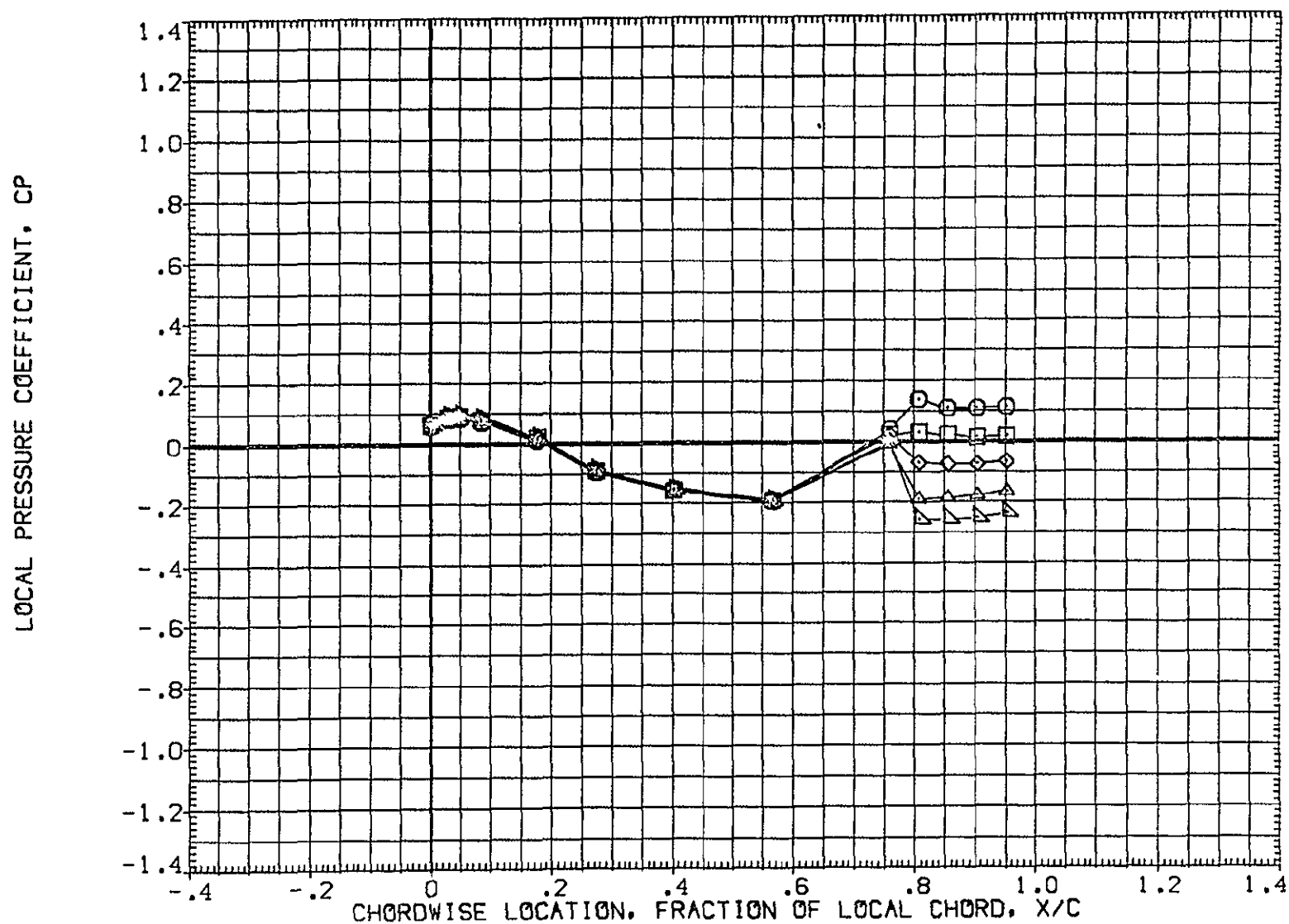


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -2.000 2Y/B = .436 PAGE 1121

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

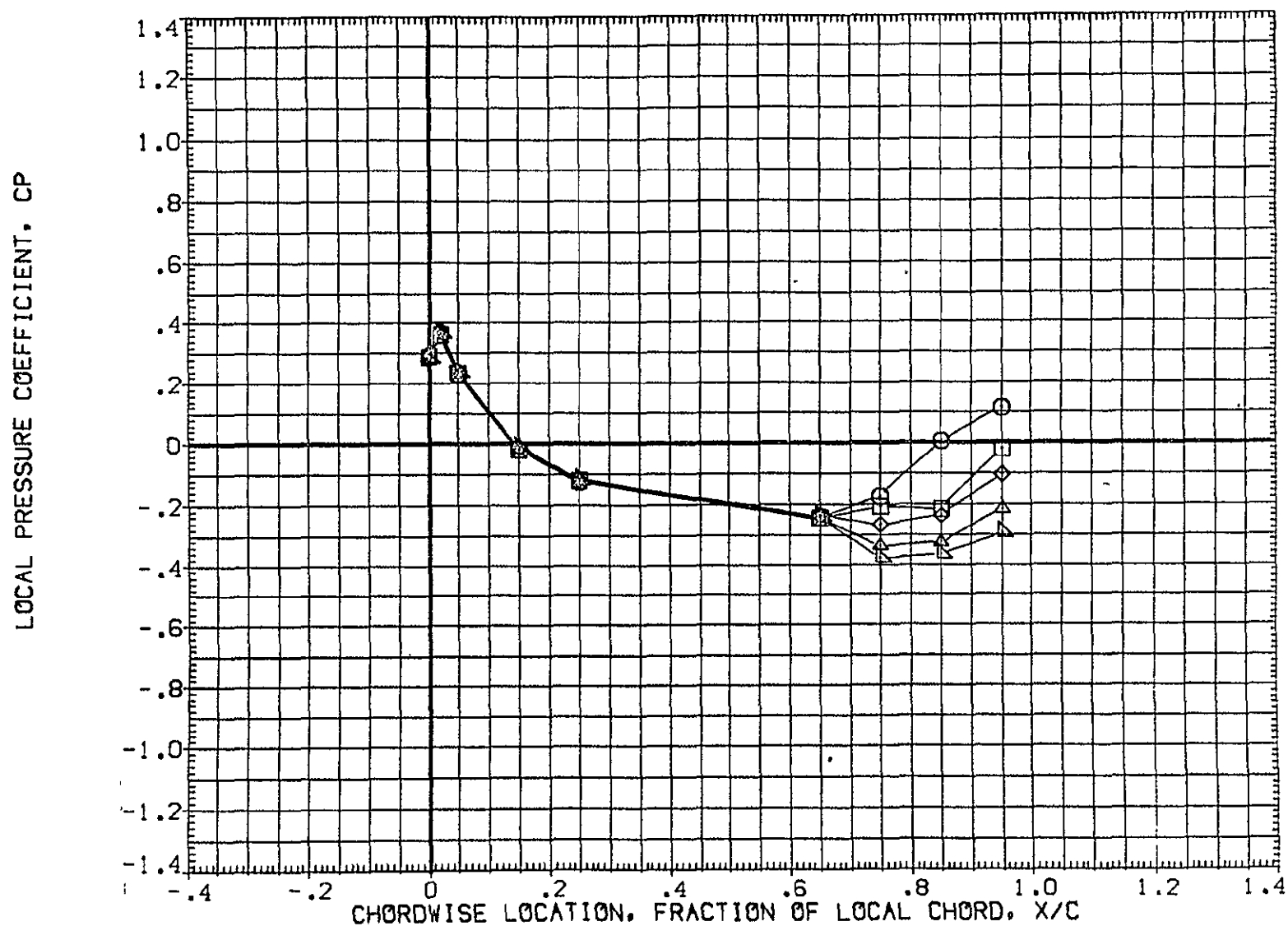


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -2.000 2Y/B = .771 PAGE 1122

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

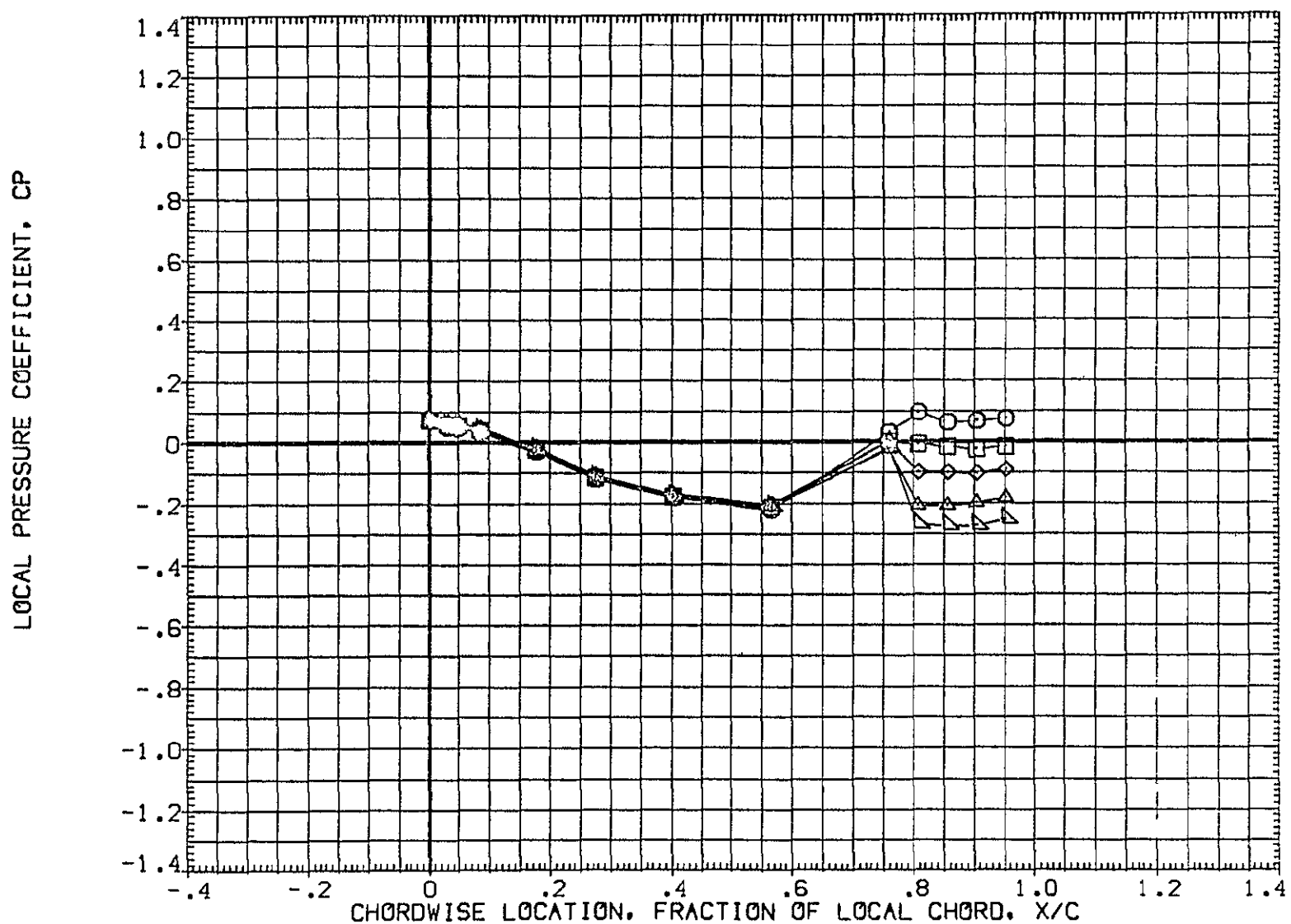


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = .000 2Y/B = .436 PAGE 1123

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

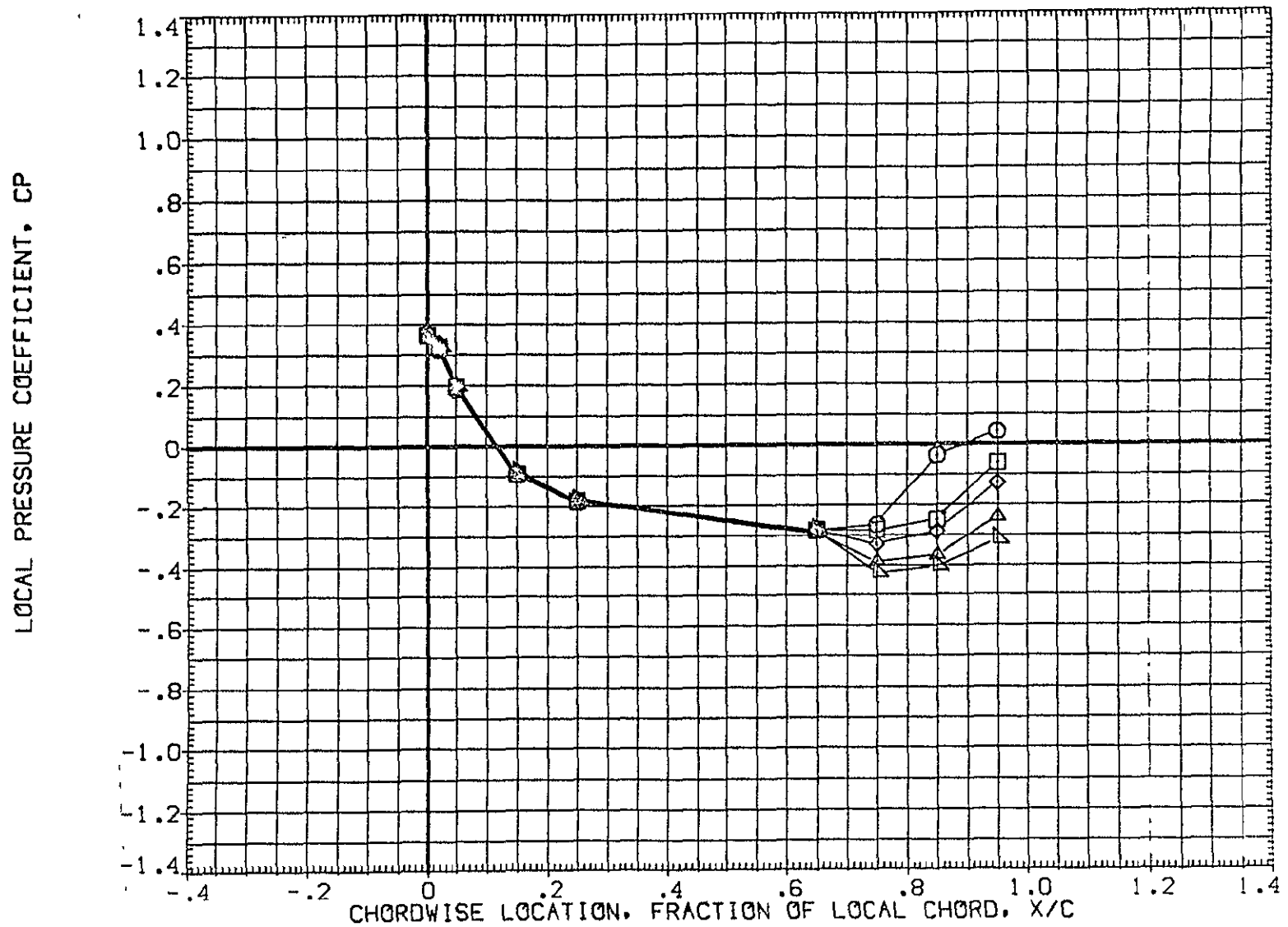


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = .000 2Y/B = .771 PAGE 1124

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	-12.000	12.000

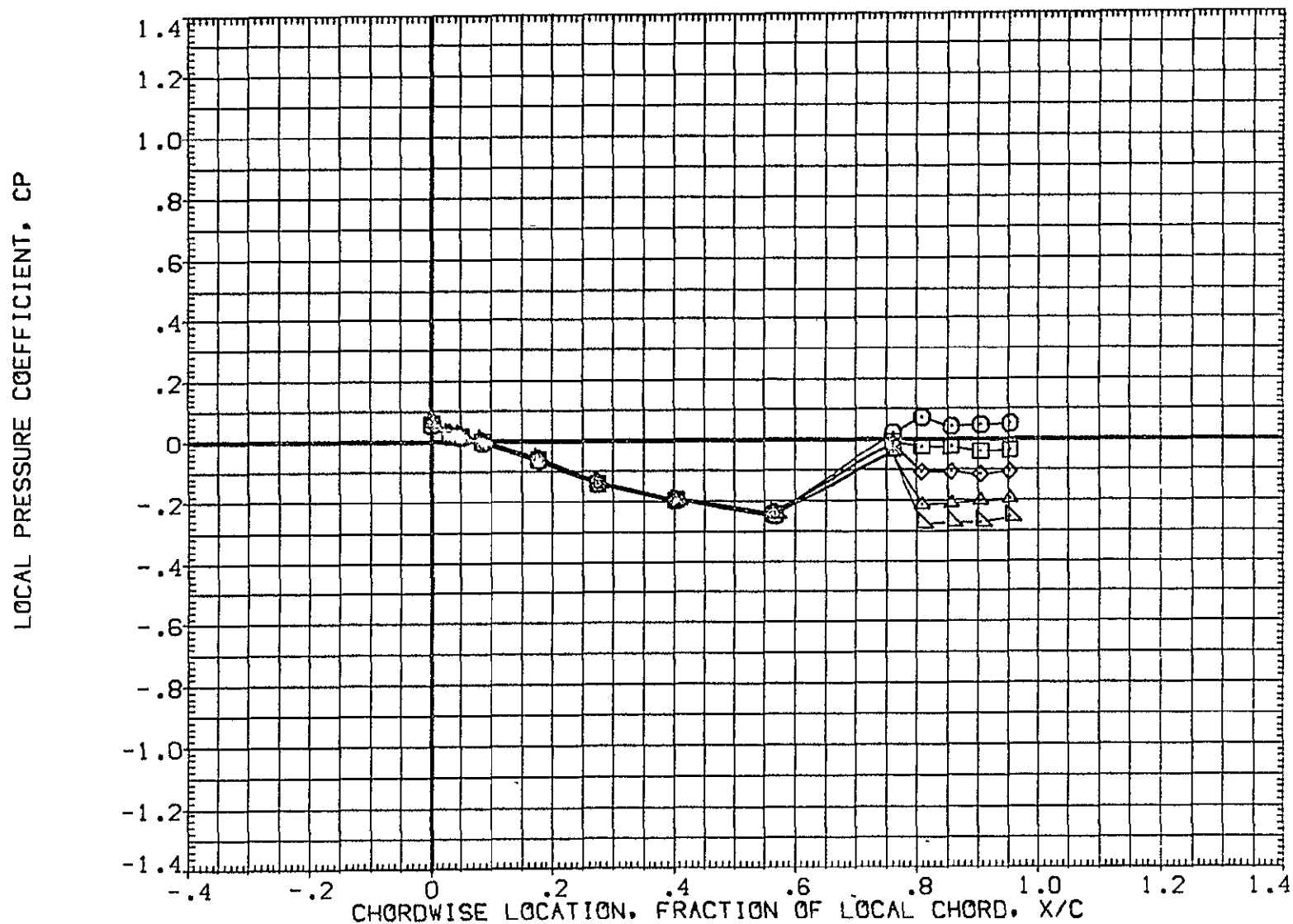


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = 1.500 ALPHA = 2.000  $2Y/B = .436$  PAGE 1125

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	□	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U47]	○	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	×	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	▽	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

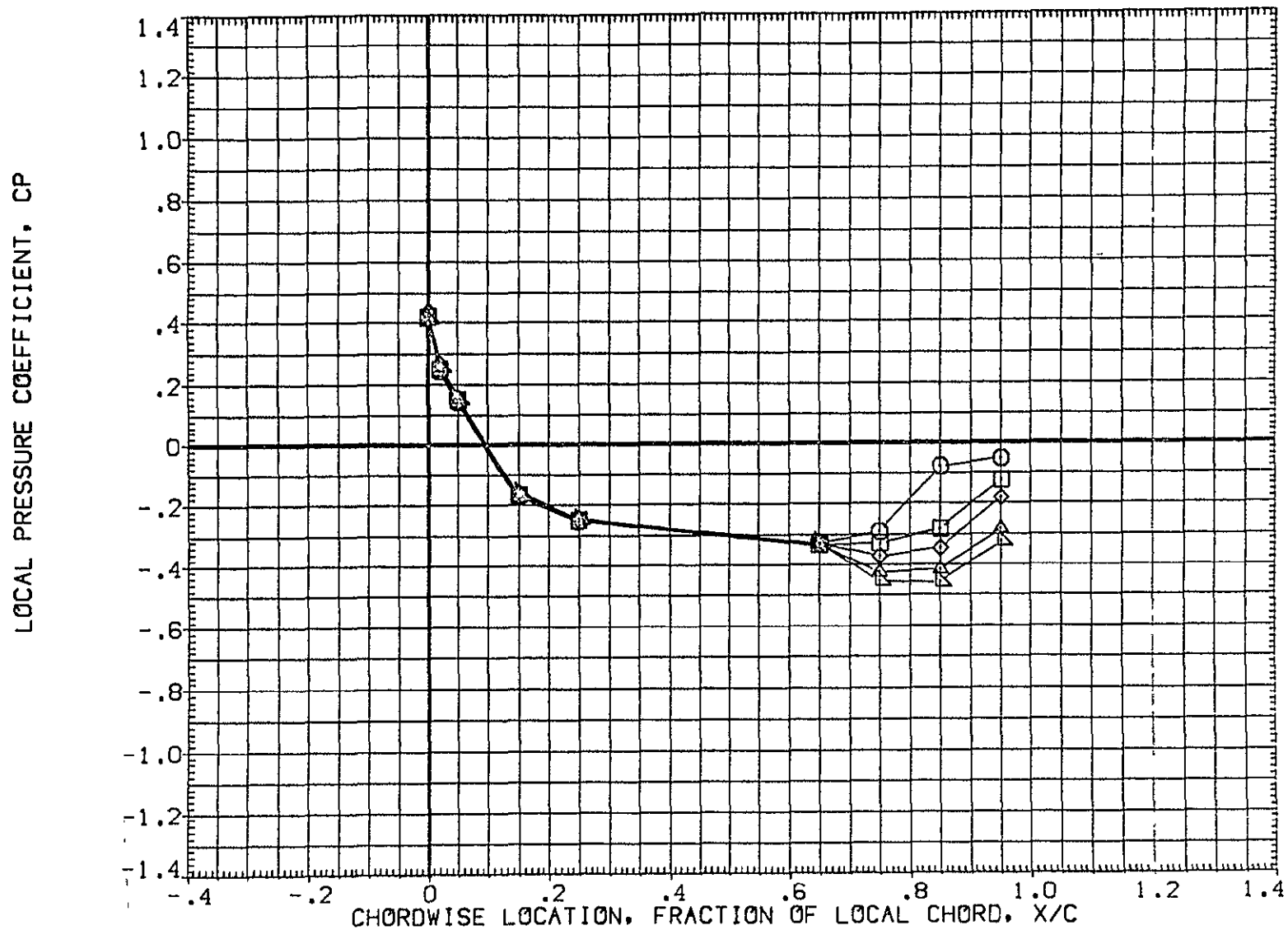


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

PAGE 1126

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	□	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	○	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

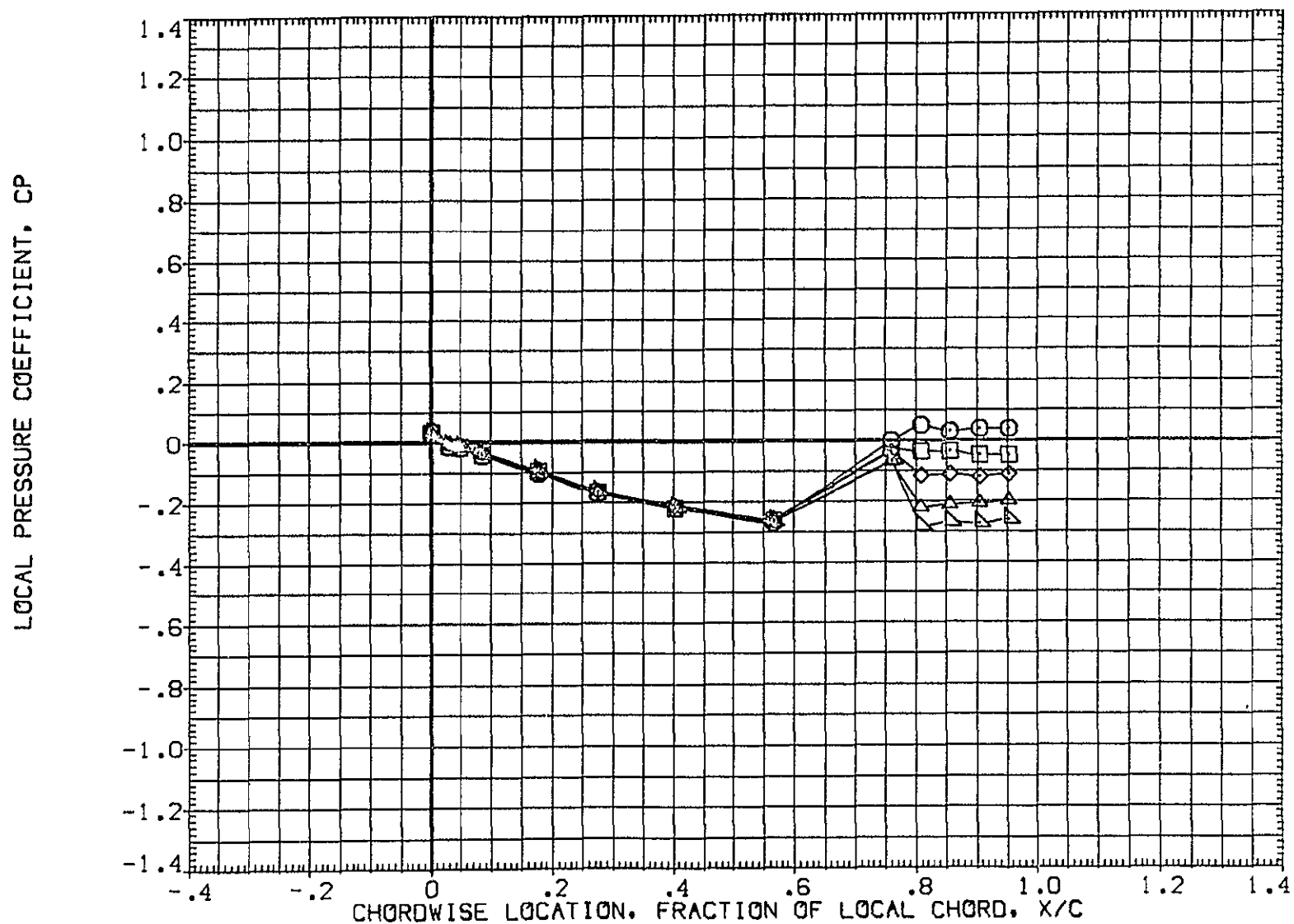


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .436



DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	□	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	○	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	◇	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	△	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	▽	1A70	01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

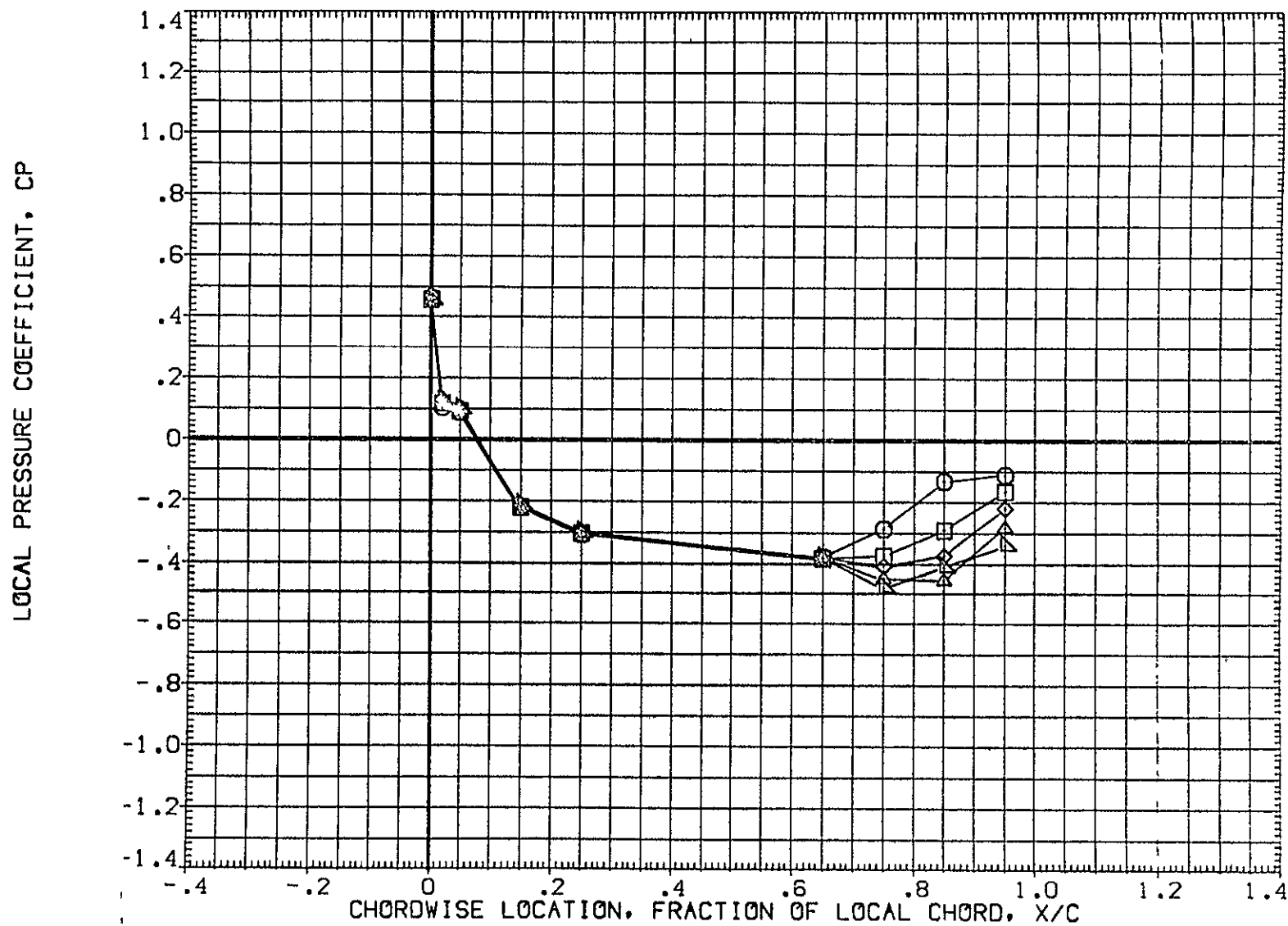


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 4.000 2Y/B = .771 PAGE 1128

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

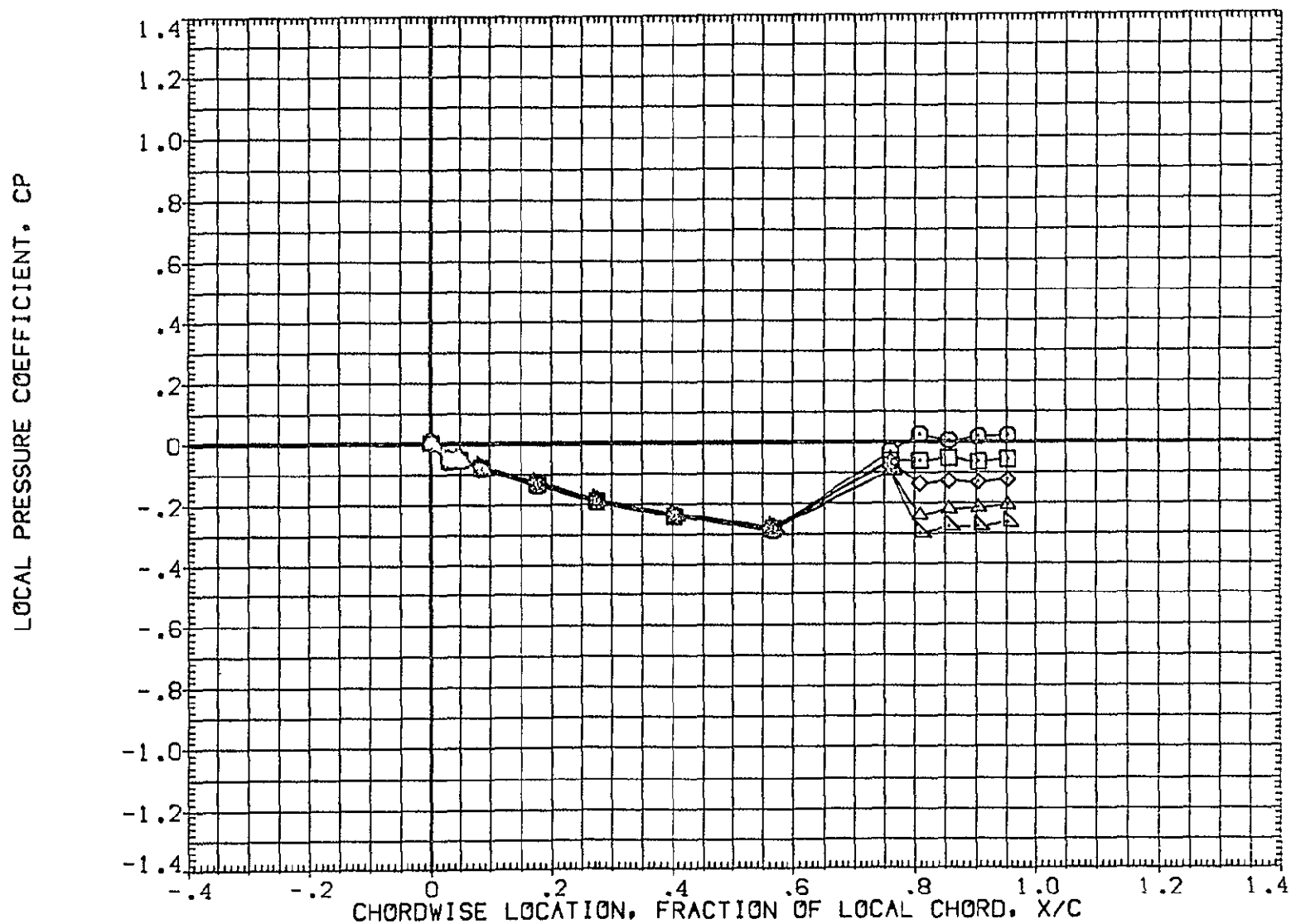


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 6.000 2Y/B = .436 PAGE 1129

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U65)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
(AF7U47)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U52)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
(AF7U57)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U62)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

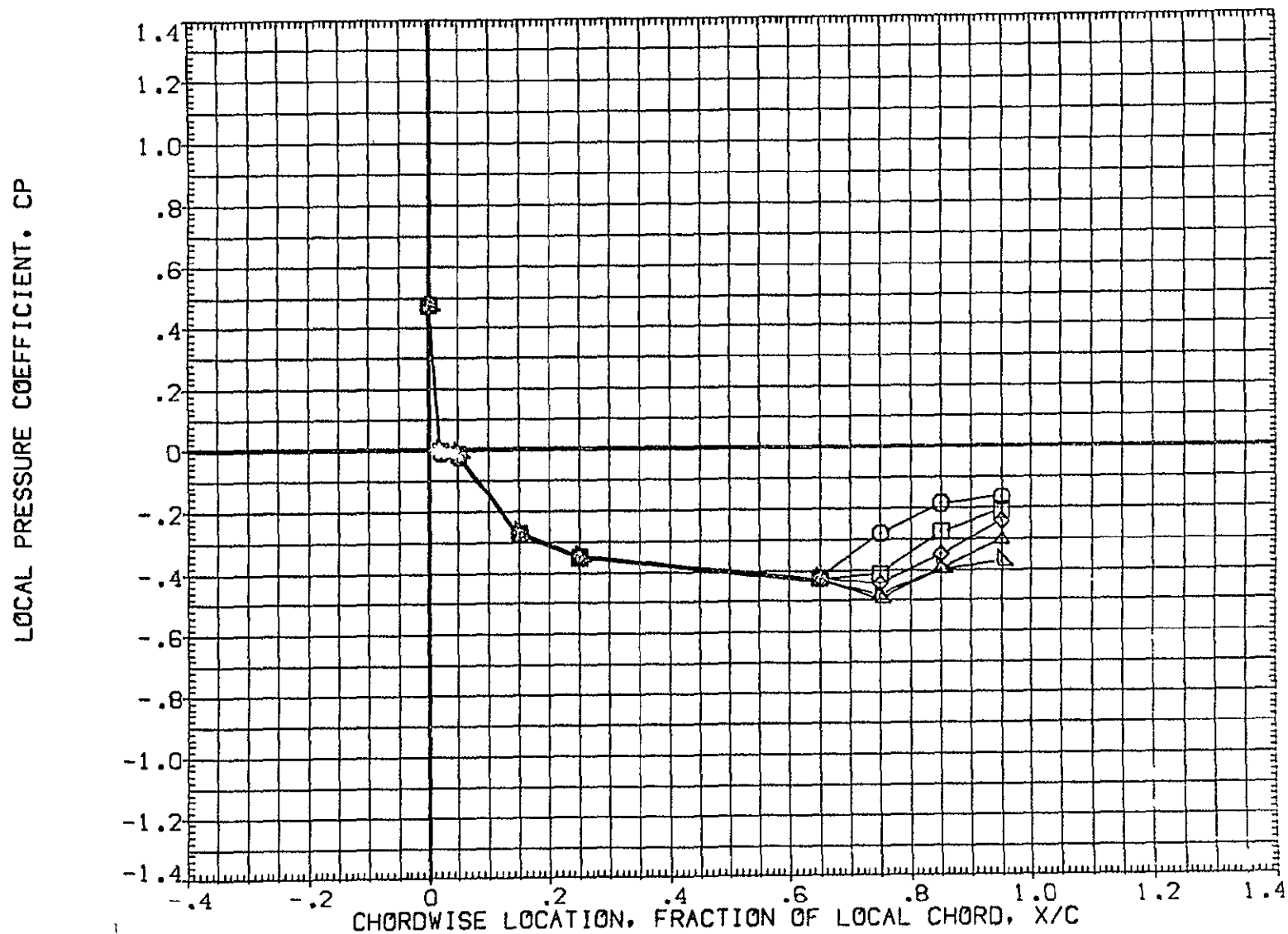


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 6.000 2Y/B = .771 PAGE 1130

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U47]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

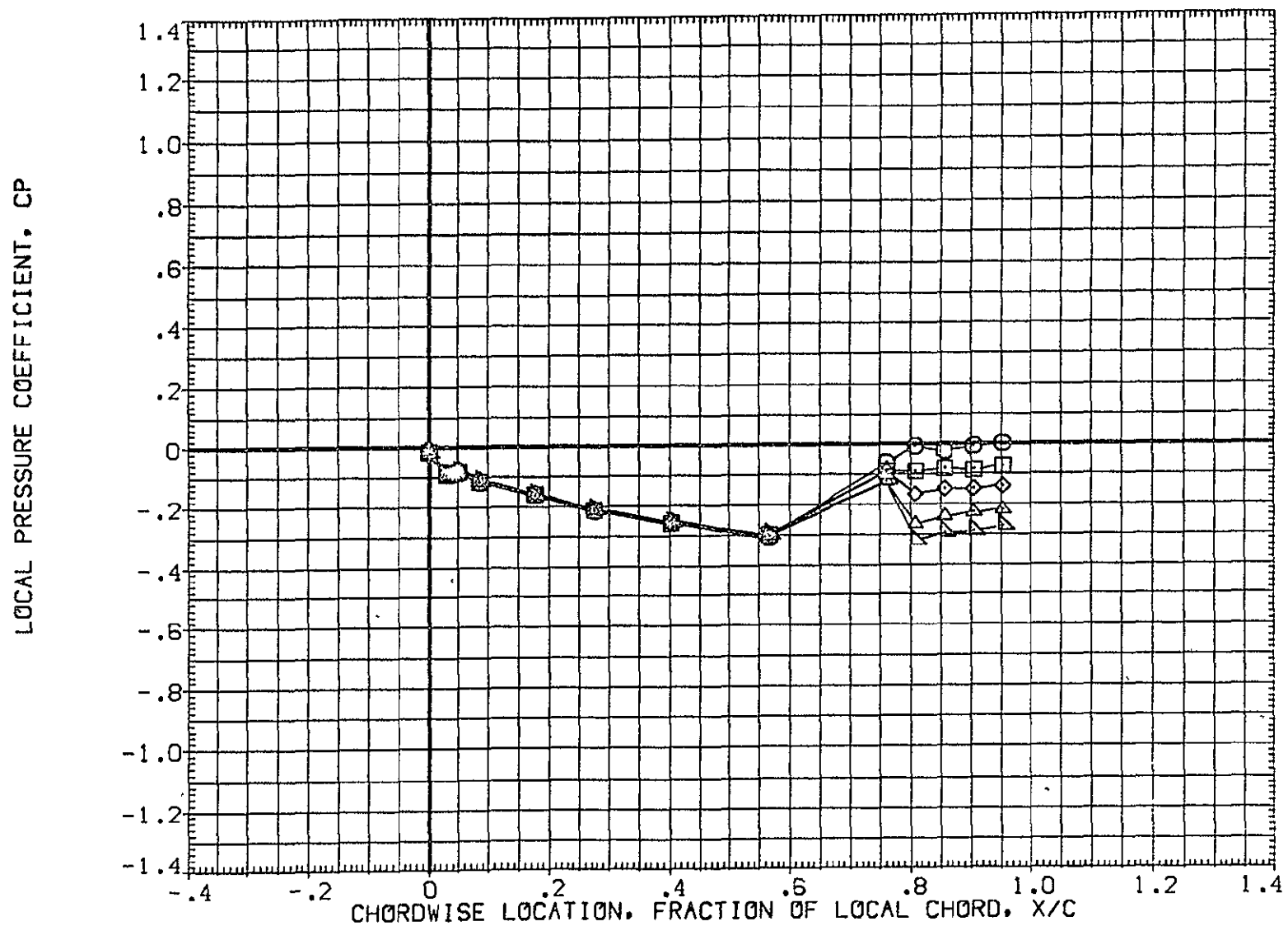


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = 1.500 ALPHA = 8.000  $2Y/B = .436$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U65]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	-4.000	.000	-4.000	-4.000
[AF7U47]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U52]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	4.000	4.000	4.000	4.000
[AF7U57]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U62]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	12.000	12.000	12.000

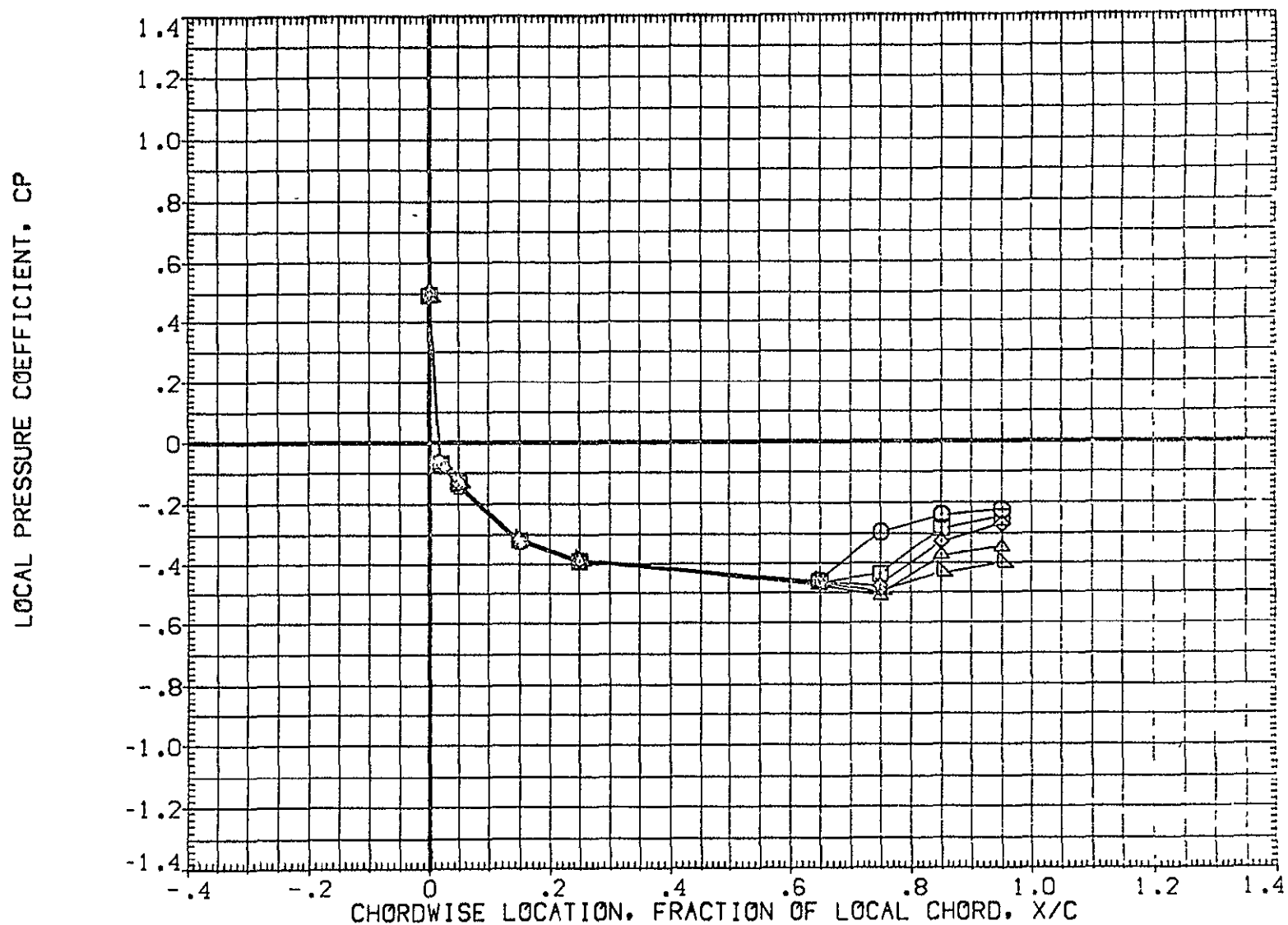


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

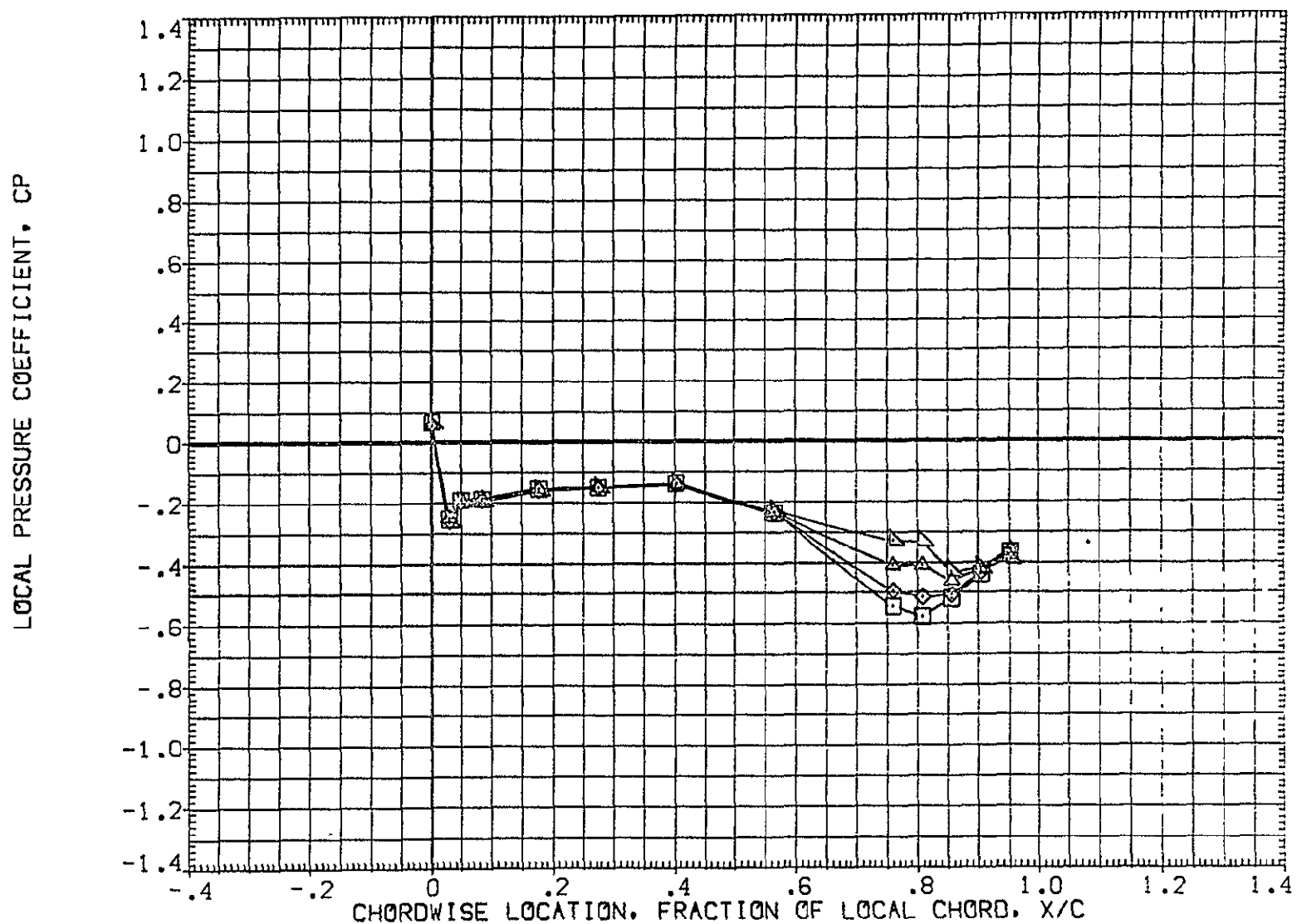


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = .900 ALPHA = -8.000  $2Y/B = .436$  PAGE 1133

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

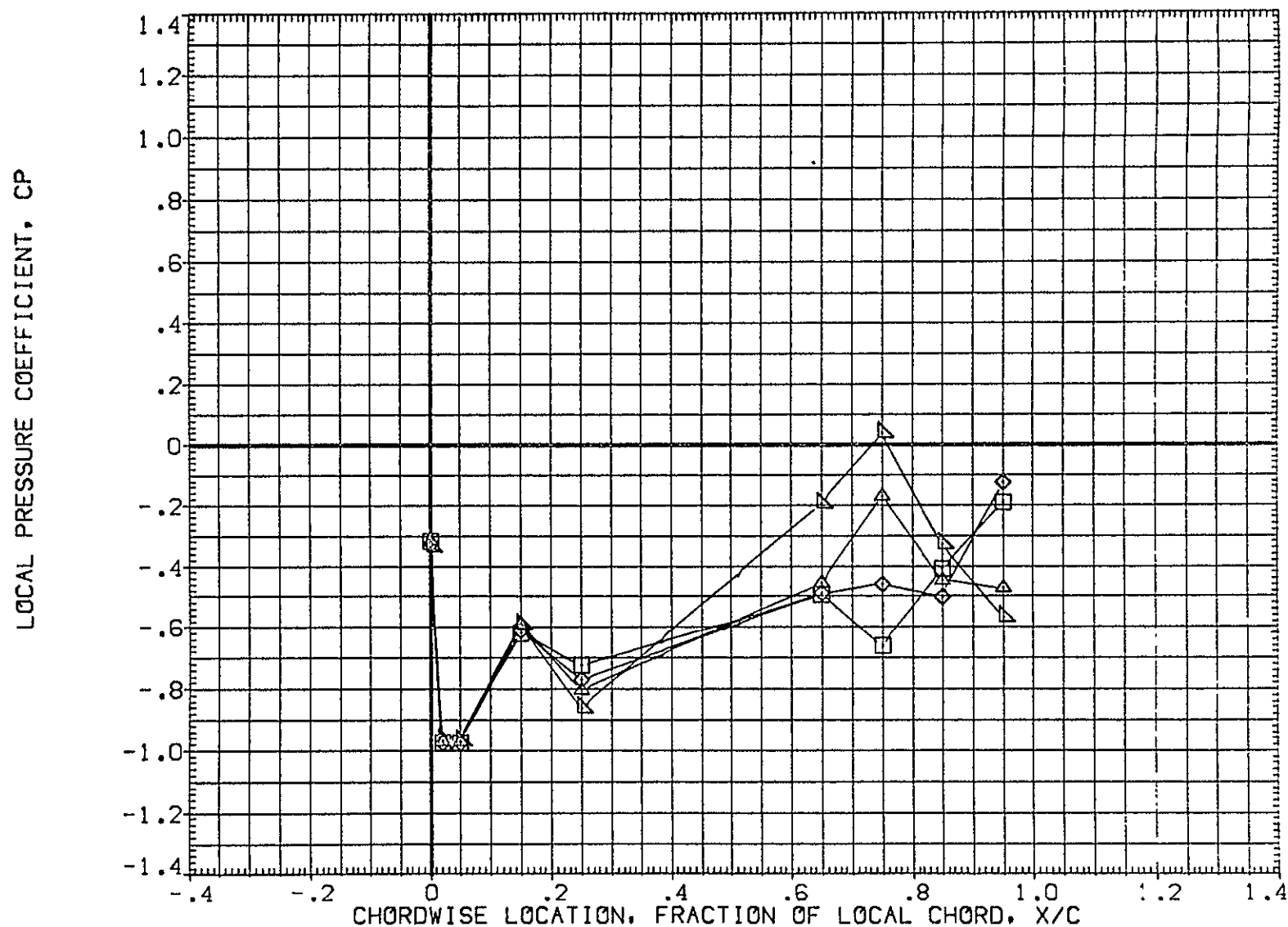


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

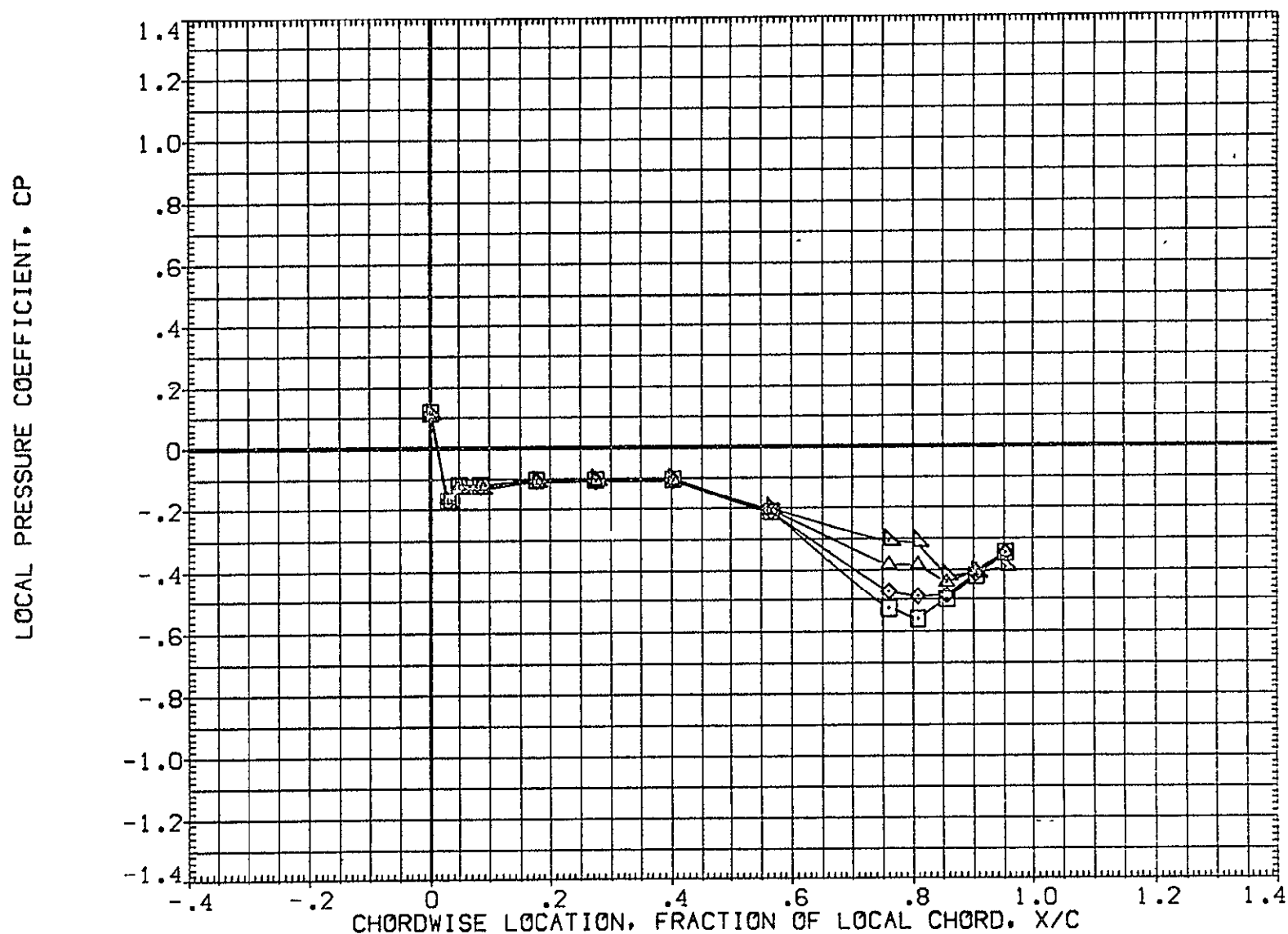


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -6.000 2Y/B = .436 PAGE 1135



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	{A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

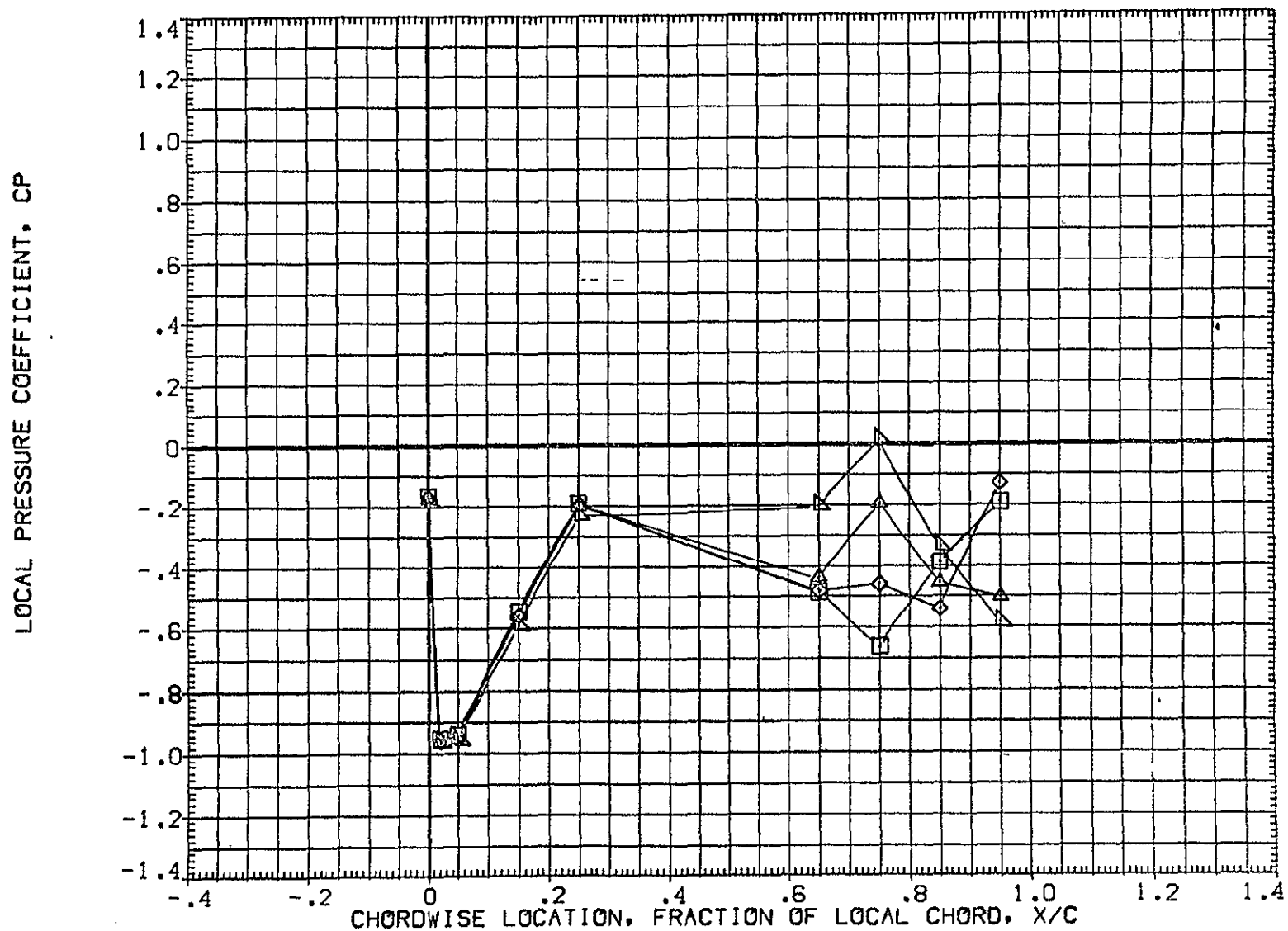


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .771 PAGE 1136

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

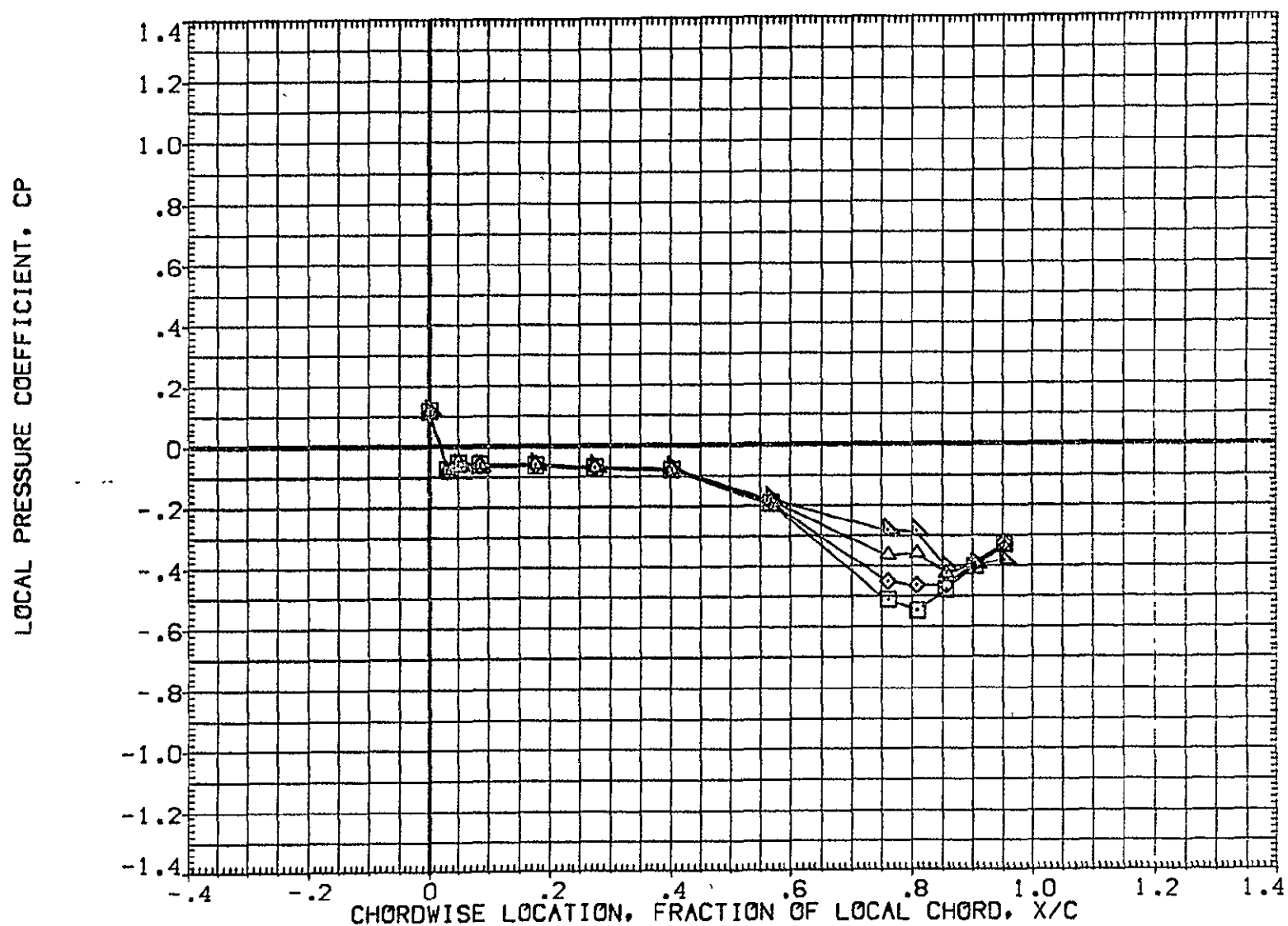


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -4.000 2Y/B = .436 PAGE 1137

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

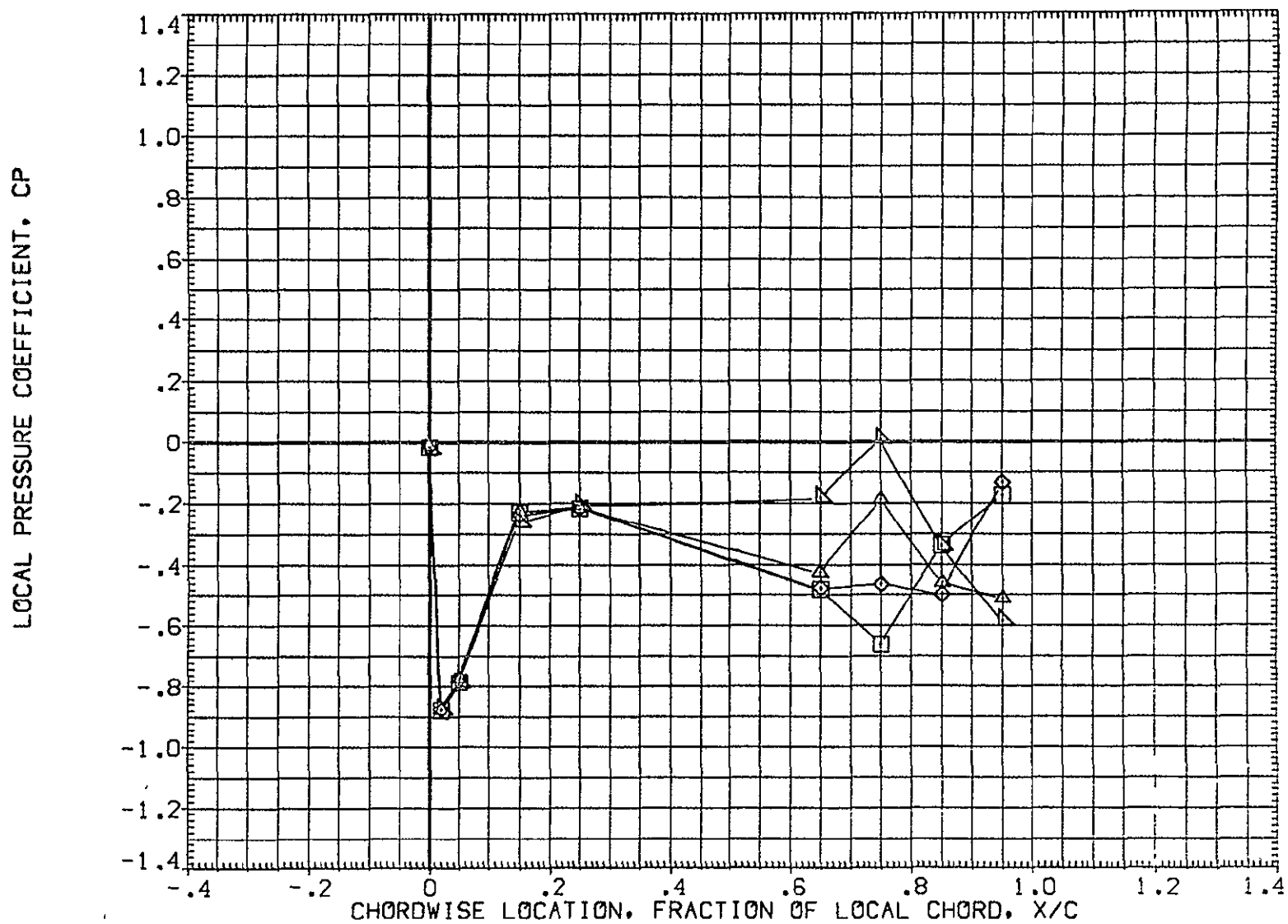


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL CONFIGURATION DESCRIPTION

(AF7L65) DATA NOT AVAILABLE  
 (AF7L47) 1A70 01 T12 S1 P2 P8  
 (AF7L52) 1A70 01 T12 S1 P2 P8  
 (AF7L57) 1A70 01 T12 S1 P2 P8  
 (AF7L62) 1A70 01 T12 S1 P2 P8

WING LOWER SURFACE  
 WING LOWER SURFACE  
 WING LOWER SURFACE  
 WING LOWER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

LOCAL PRESSURE COEFFICIENT, CP

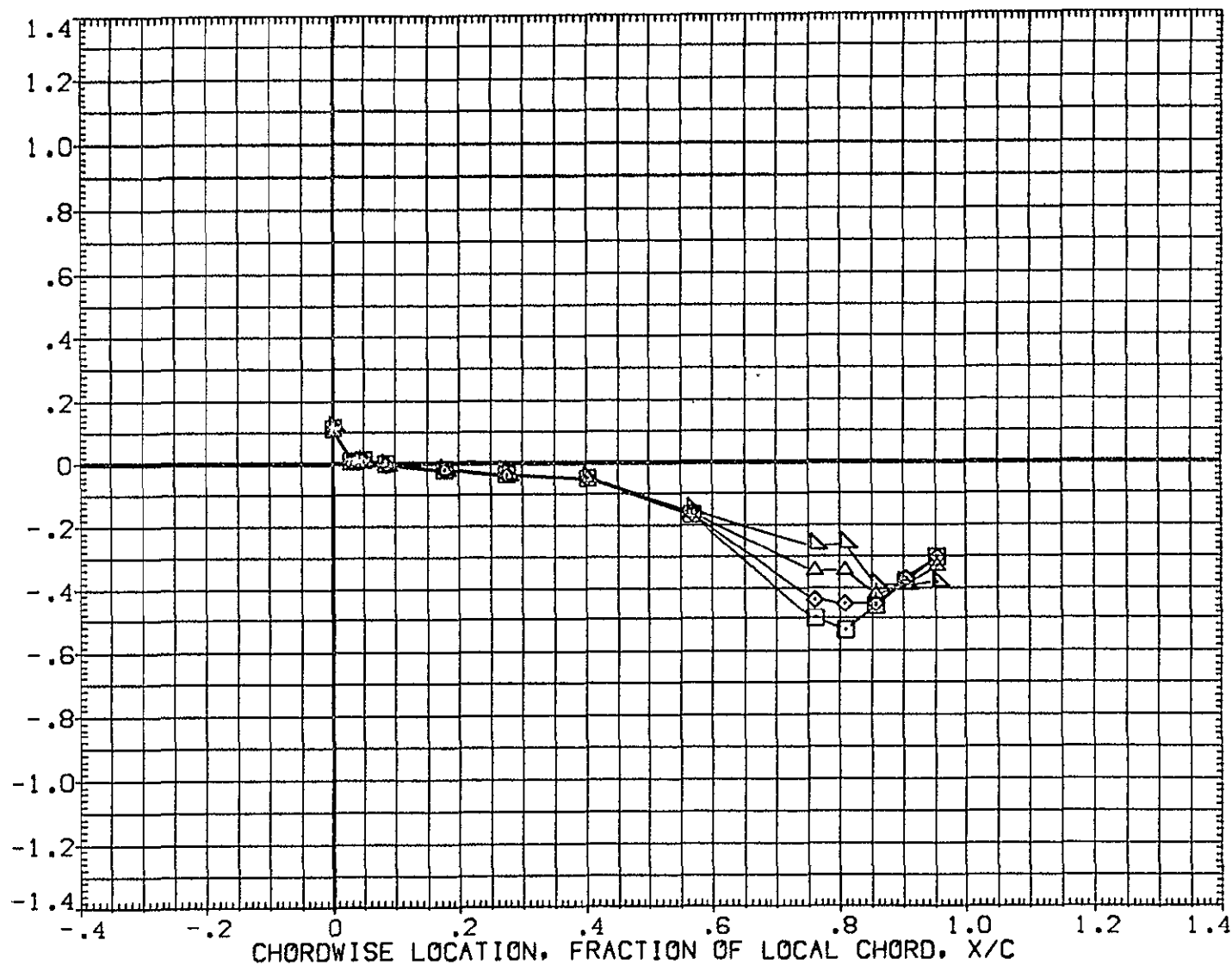


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(AF7L55)	DATA NOT AVAILABLE
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

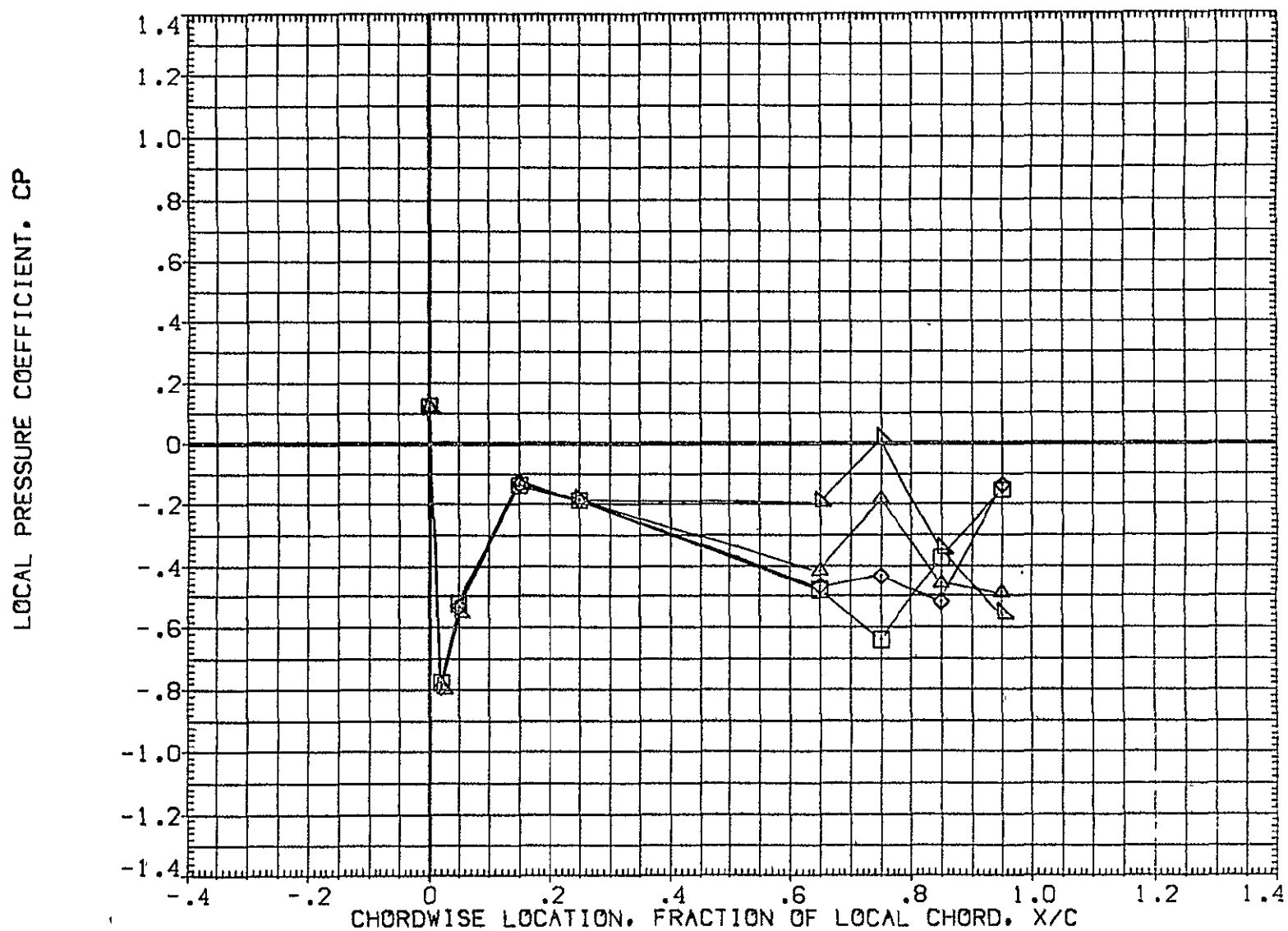


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

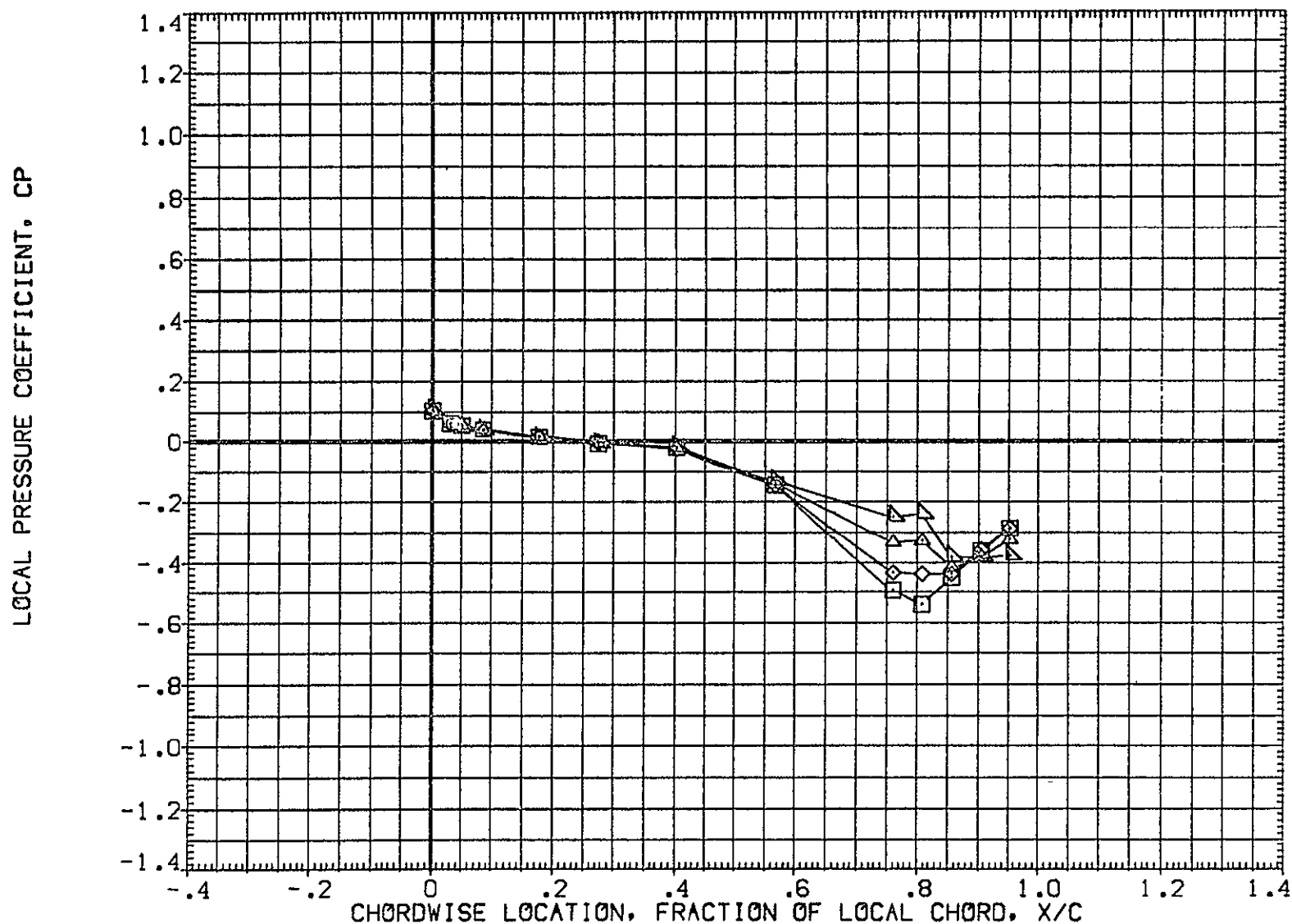


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

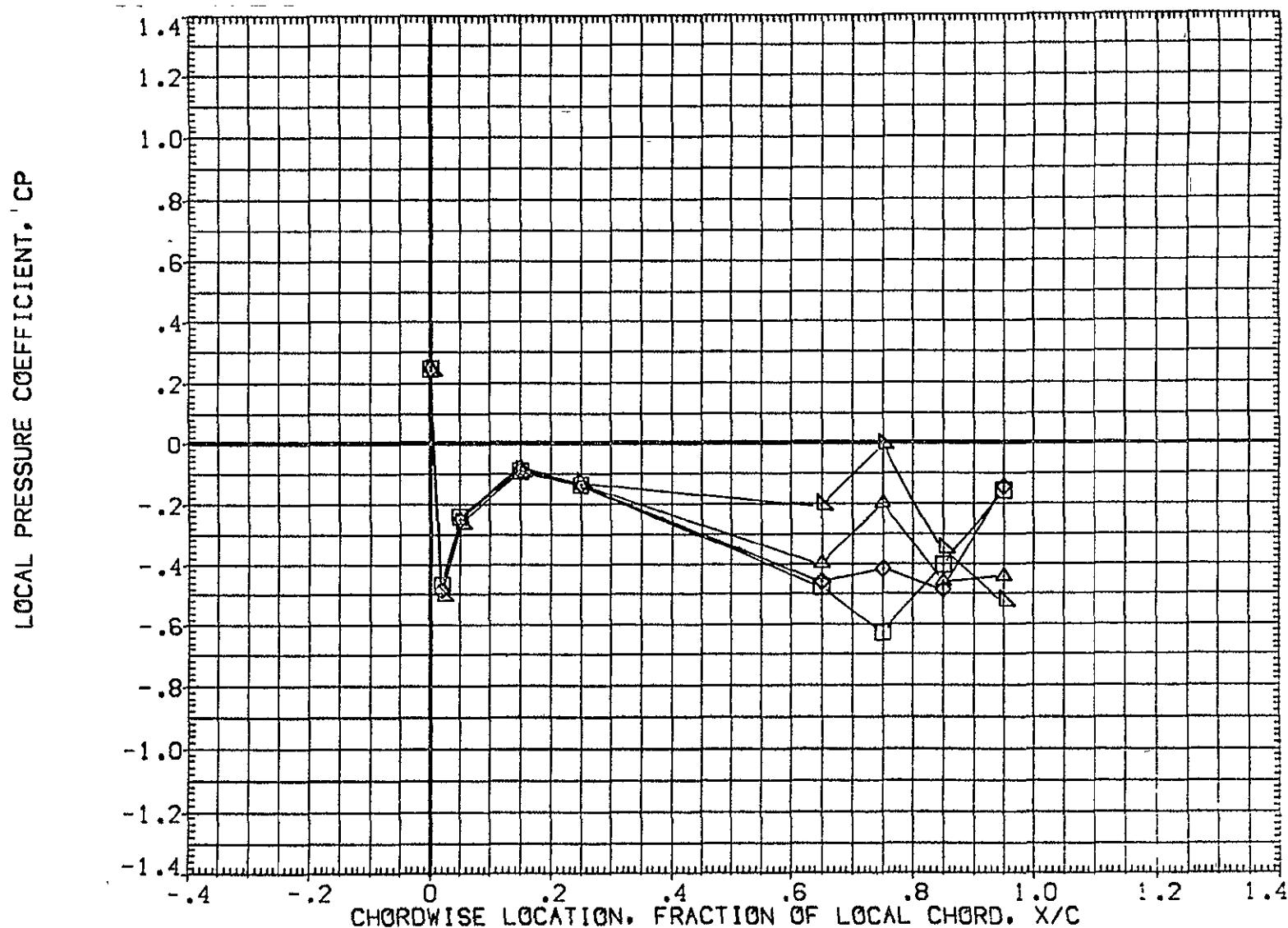


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = .000 2Y/B = .771 PAGE 1142

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	DATA NOT AVAILABLE	.000	.000	.000	.000
{AF7L52}	DATA NOT AVAILABLE	4.000	4.000	4.000	4.000
{AF7L57}	DATA NOT AVAILABLE	8.000	8.000	8.000	8.000
{AF7L62}	DATA NOT AVAILABLE	8.000	12.000	12.000	12.000

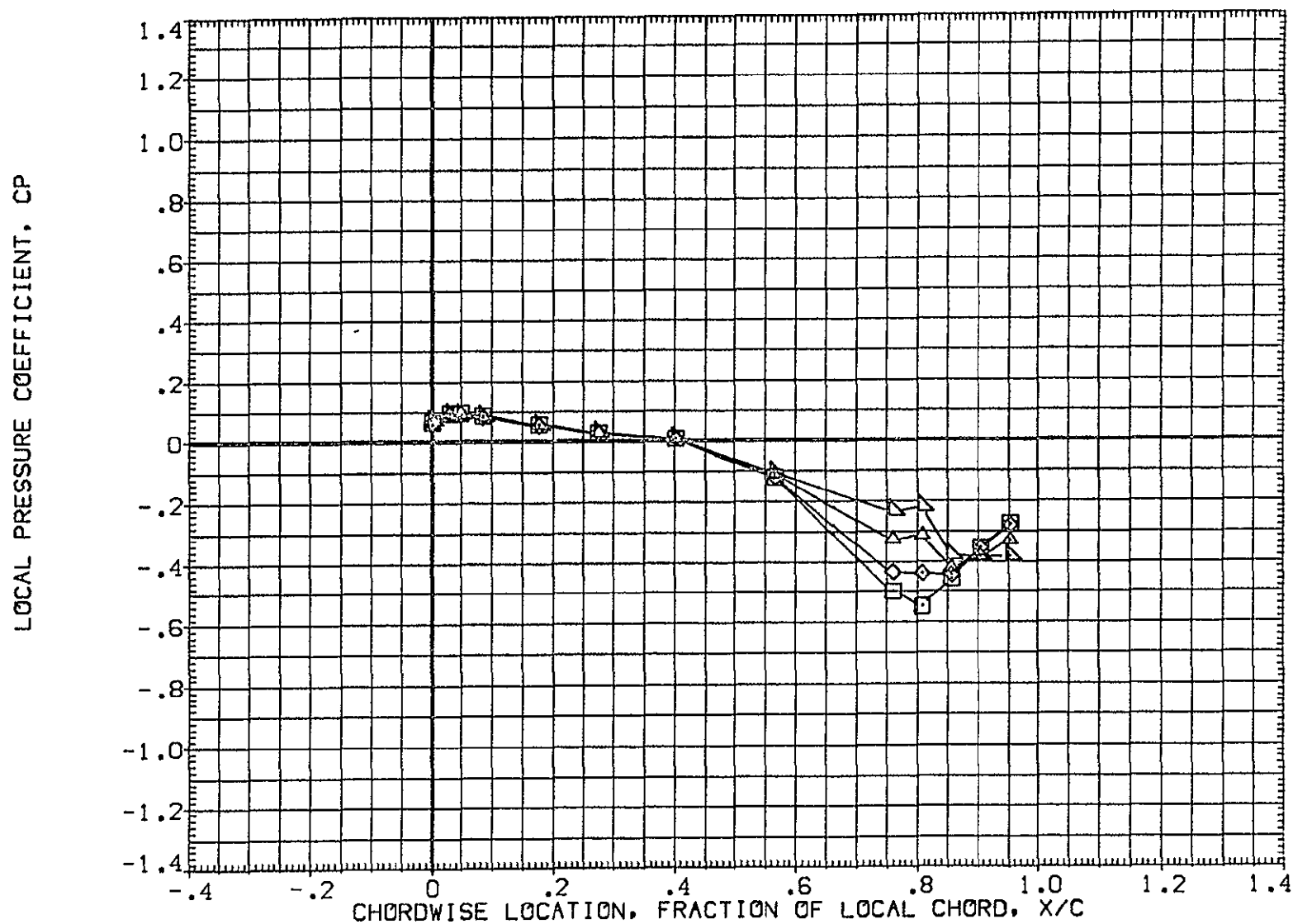


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 2.000 2Y/B = .436 PAGE 1143



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

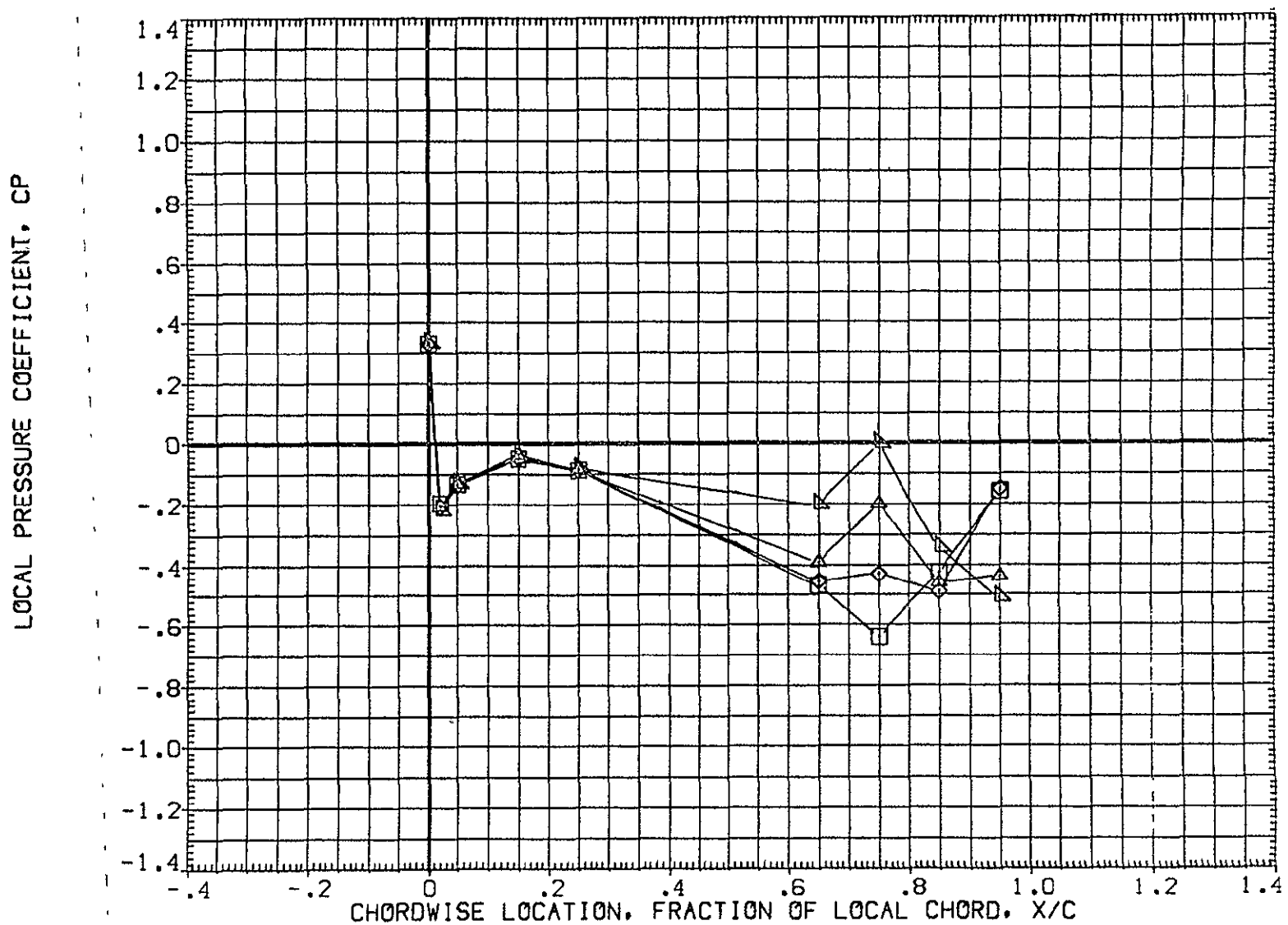


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 2.000 2Y/B = .771 PAGE 1144

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

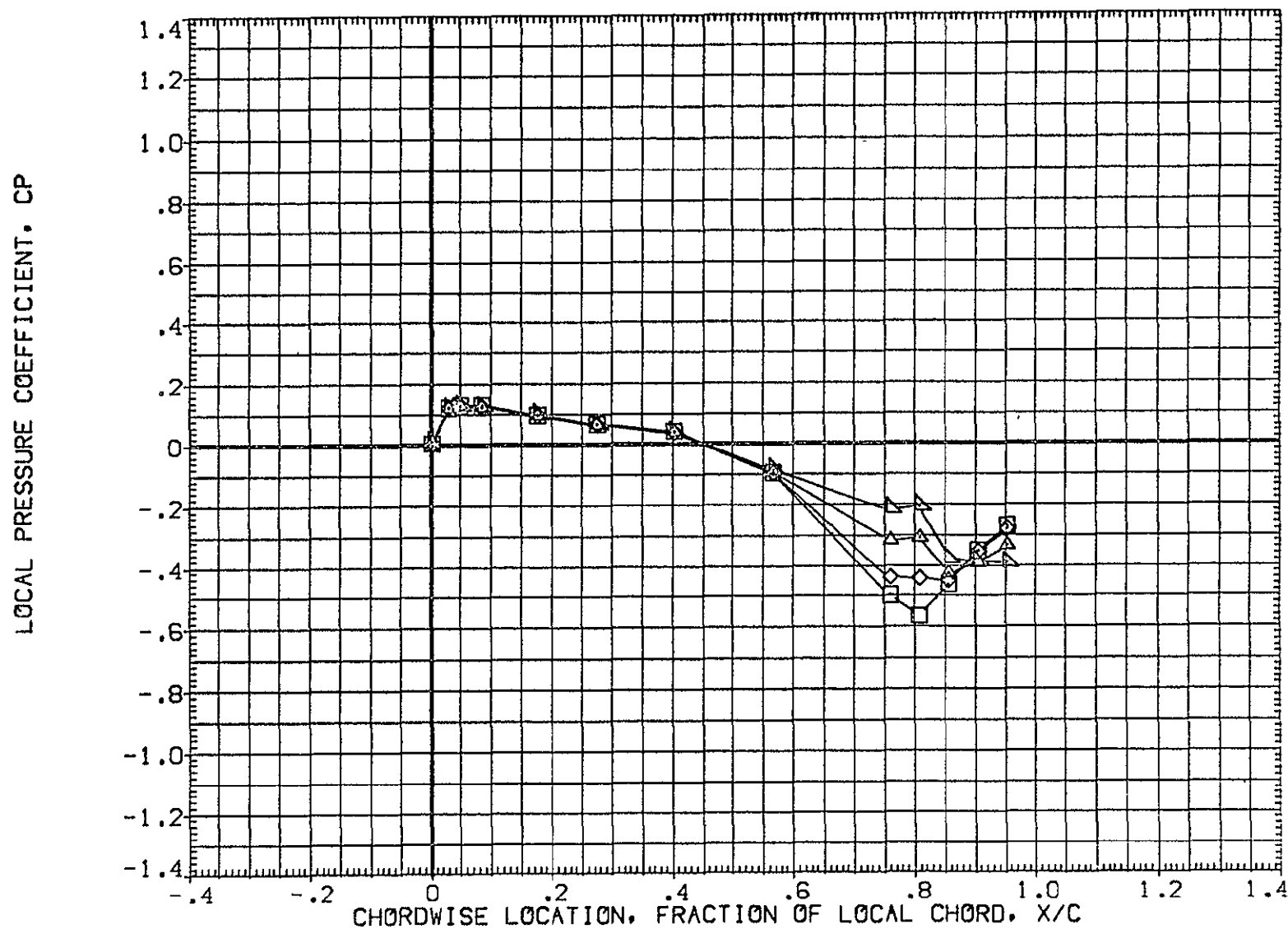


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 4.000 2Y/B = .436 PAGE 1145

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

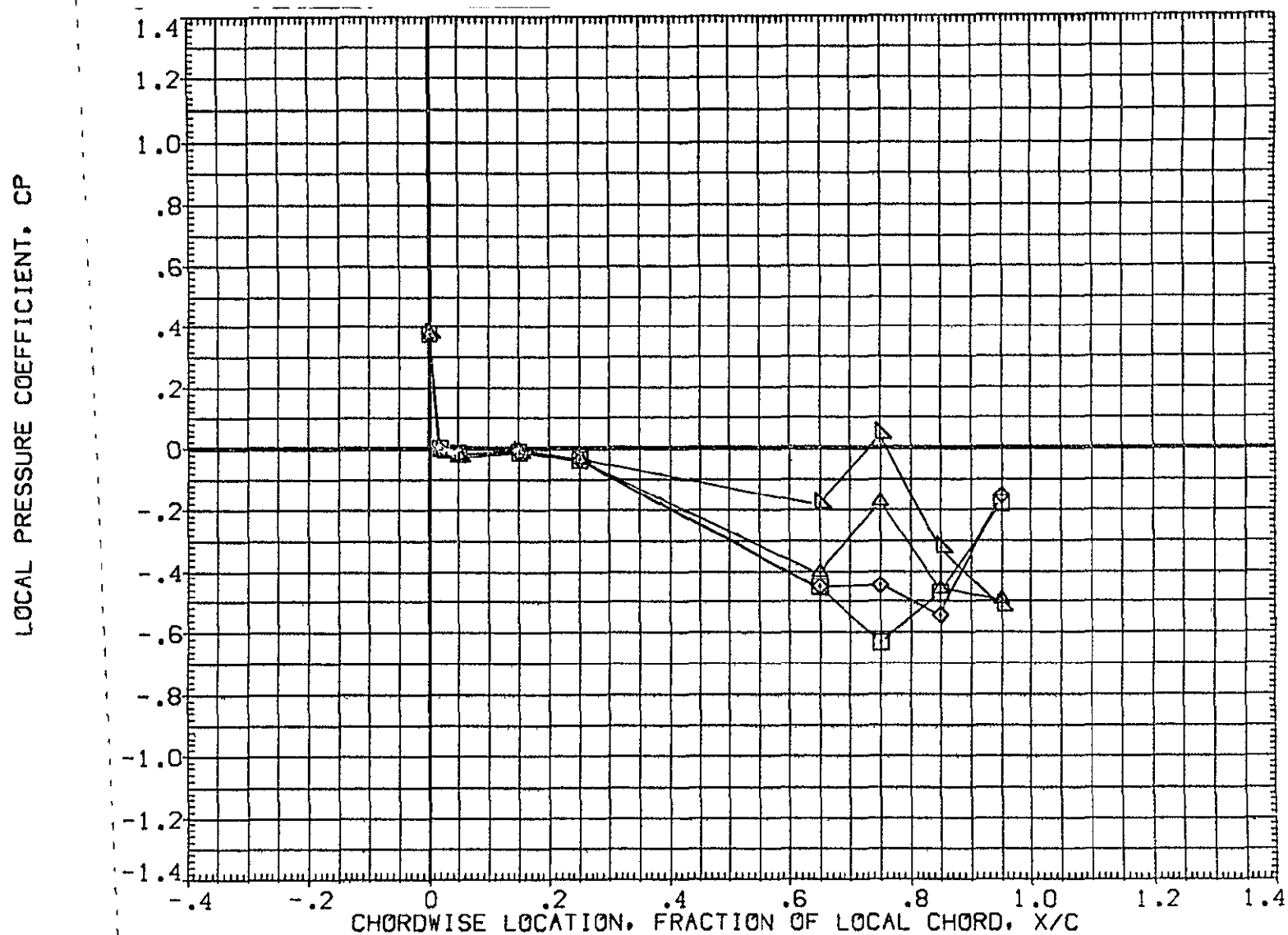


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

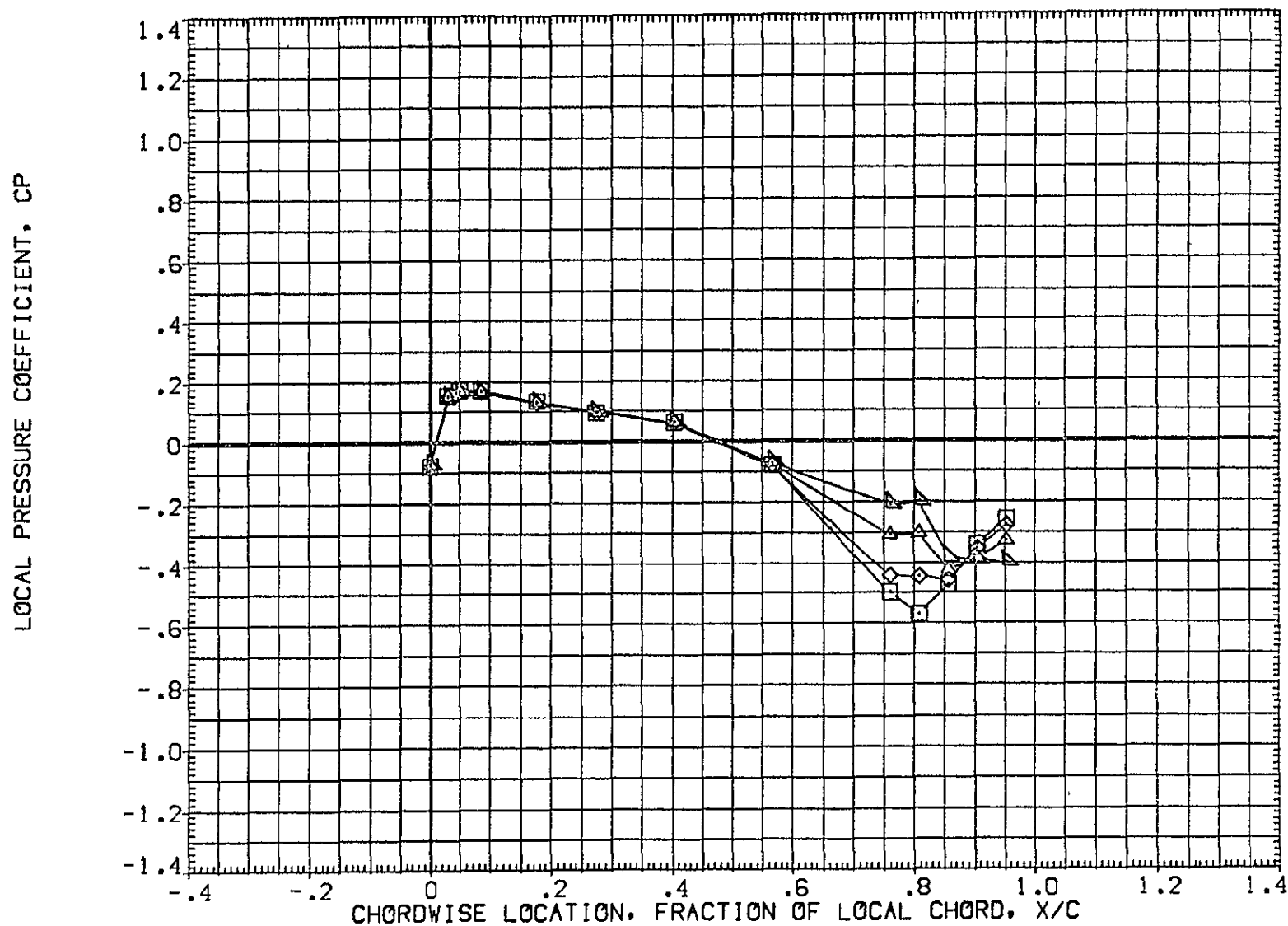


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = .900 ALPHA = 6.000  $2Y/B = .436$  PAGE 1147

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING LOWER SURFACE				
	WING LOWER SURFACE				
	WING LOWER SURFACE				
	WING LOWER SURFACE				

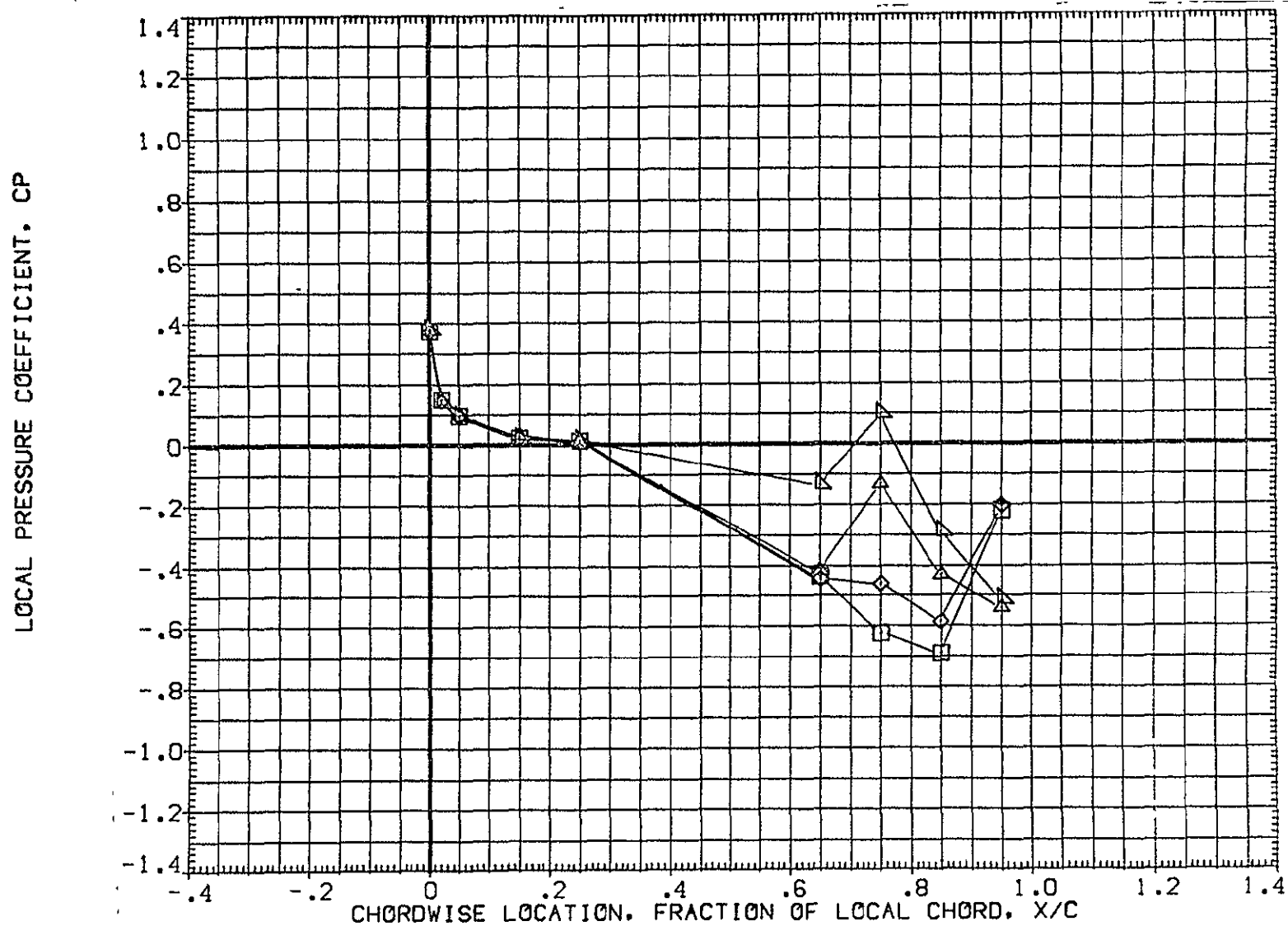


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .771 PAGE 1148

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L6S)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	DATA NOT AVAILABLE	.000	.000	.000	.000
(AF7L52)	DATA NOT AVAILABLE	4.000	4.000	4.000	4.000
(AF7L57)	DATA NOT AVAILABLE	8.000	8.000	8.000	8.000
(AF7L62)	DATA NOT AVAILABLE	8.000	12.000	12.000	12.000

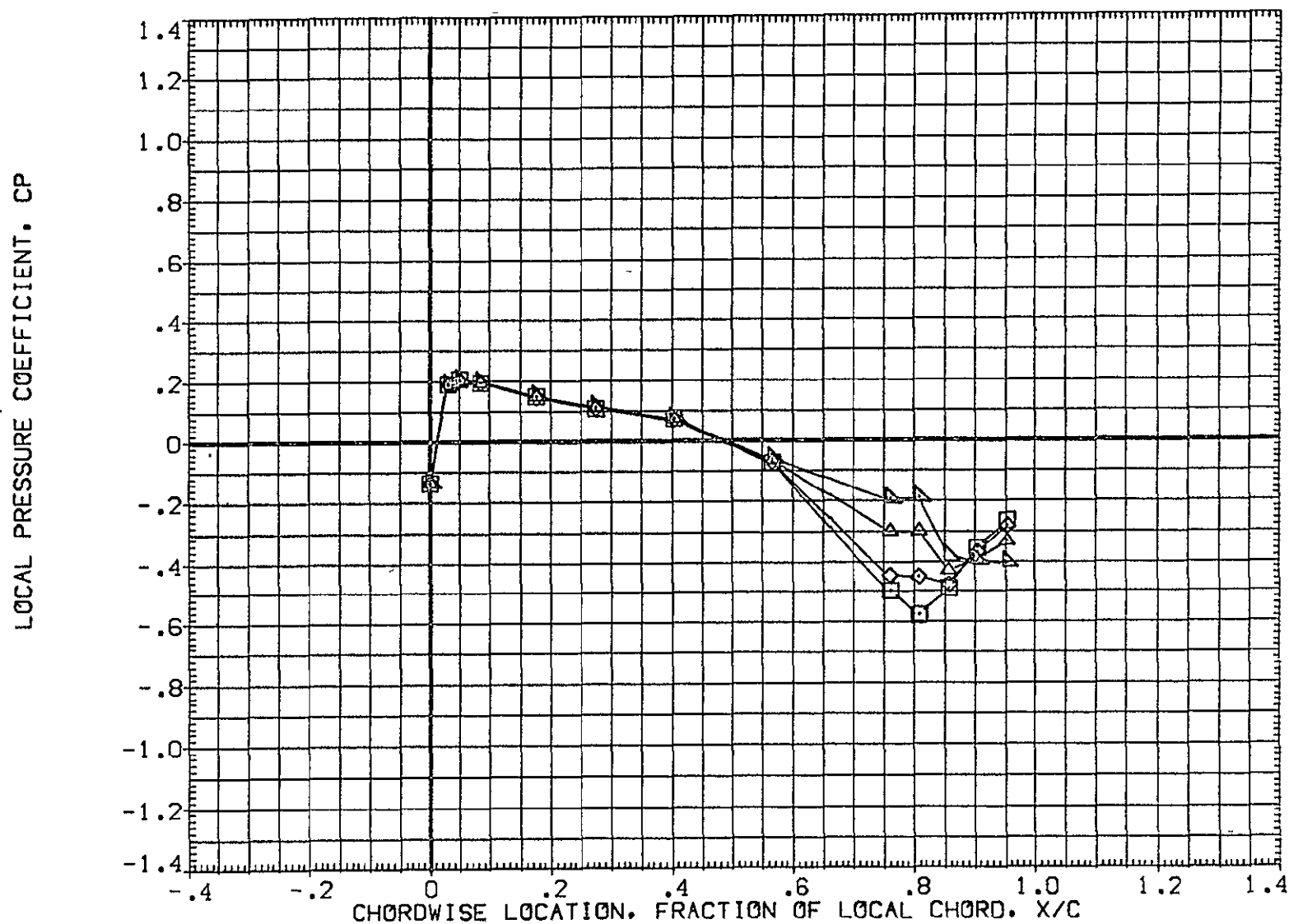


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = .900 ALPHA = 8.000  $2Y/B = .436$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

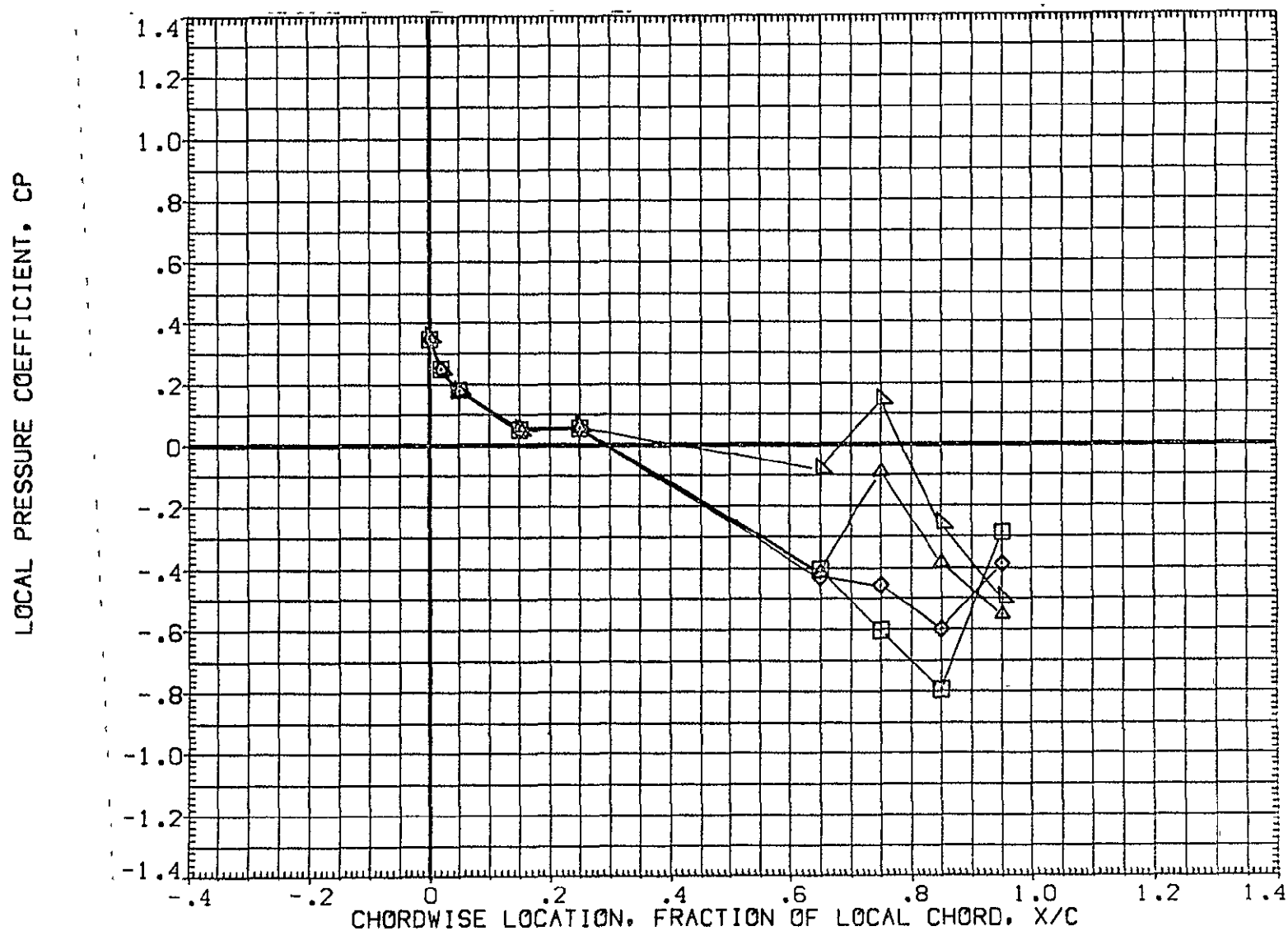


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

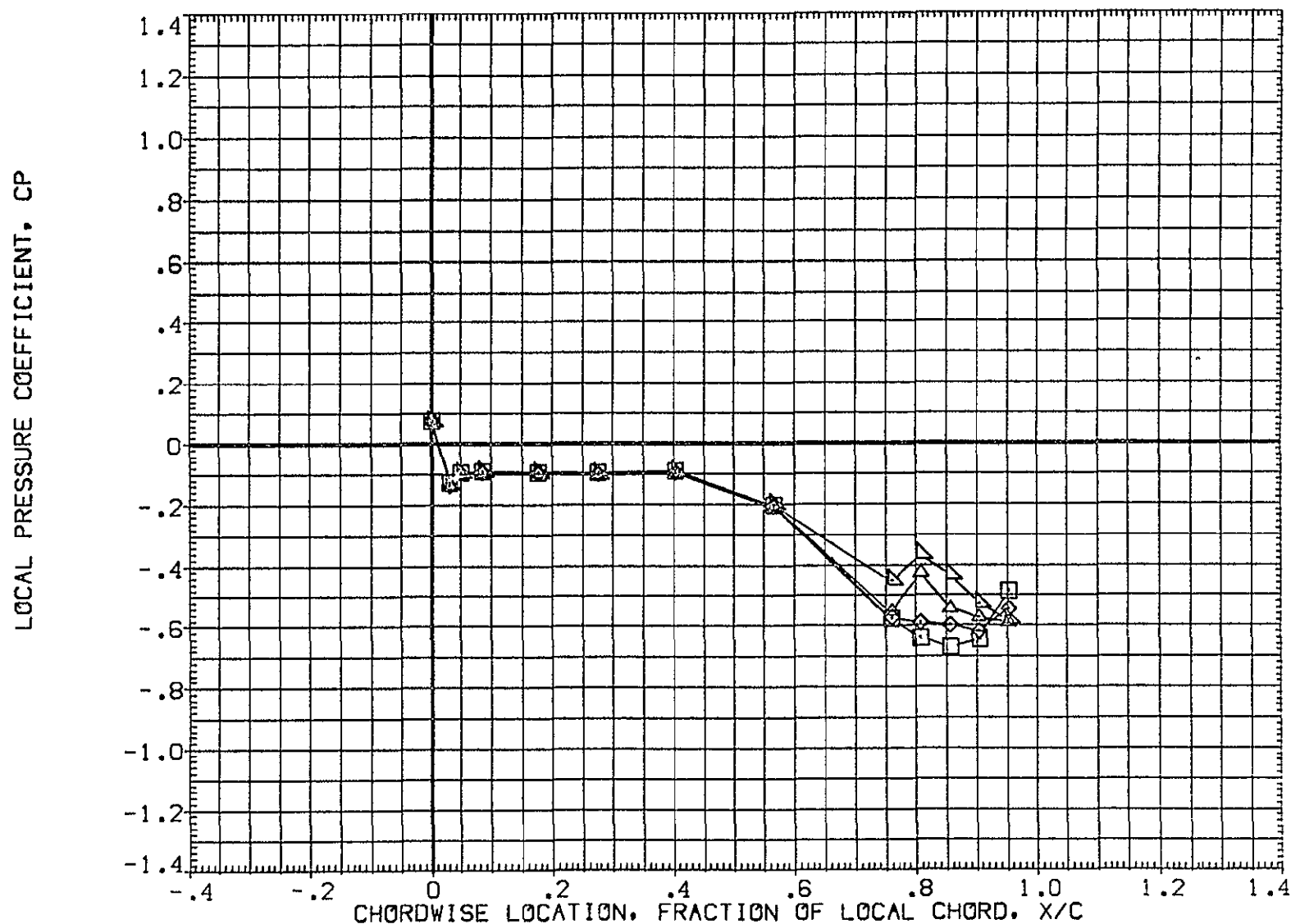


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -8.000 2Y/B = .436 PAGE 1151



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

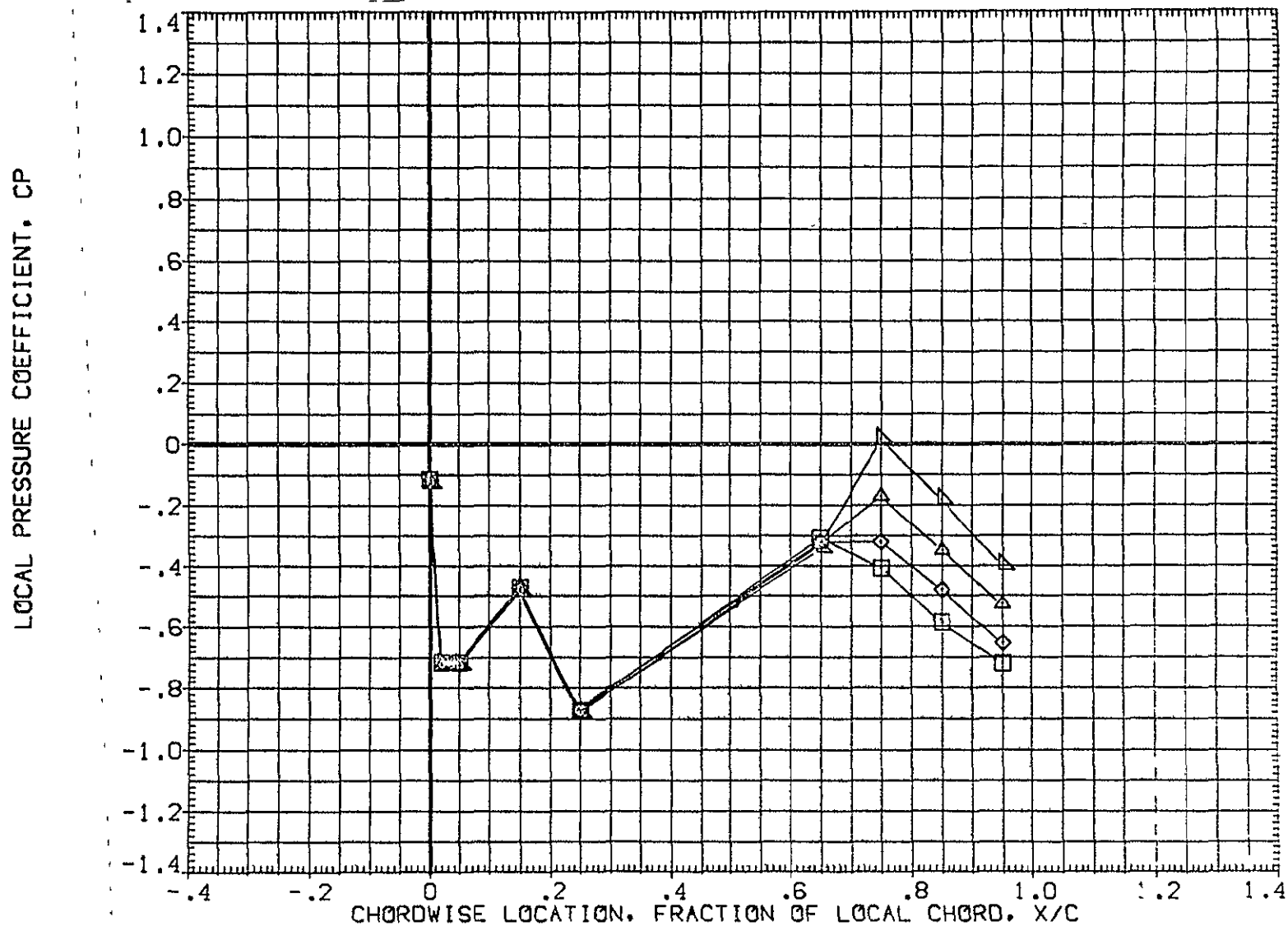


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

PAGE 1152

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

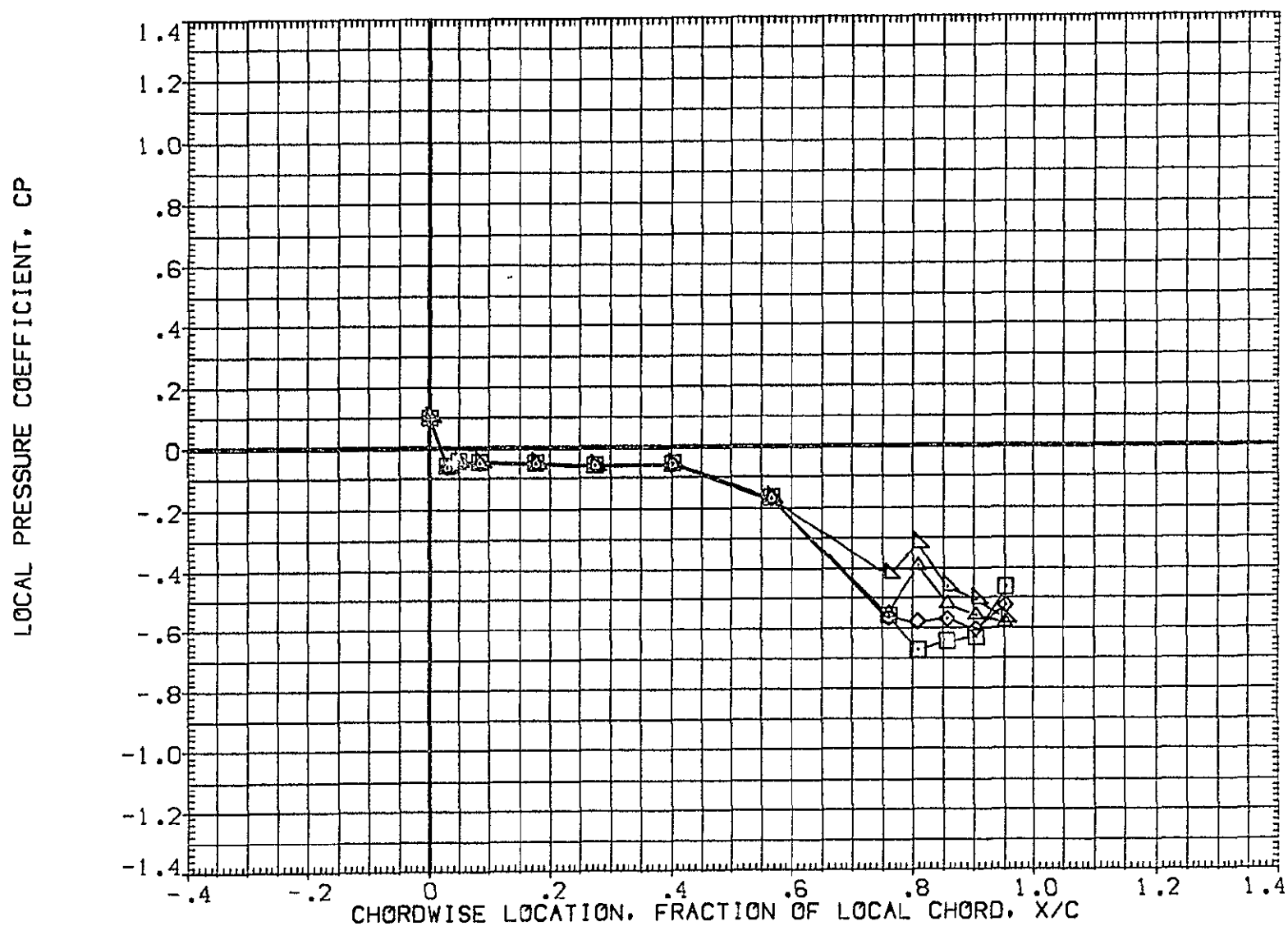


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -6.000 2Y/B = .436 PAGE 1153

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L85}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7L52}	A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
{AF7L57}	A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7L62}	A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

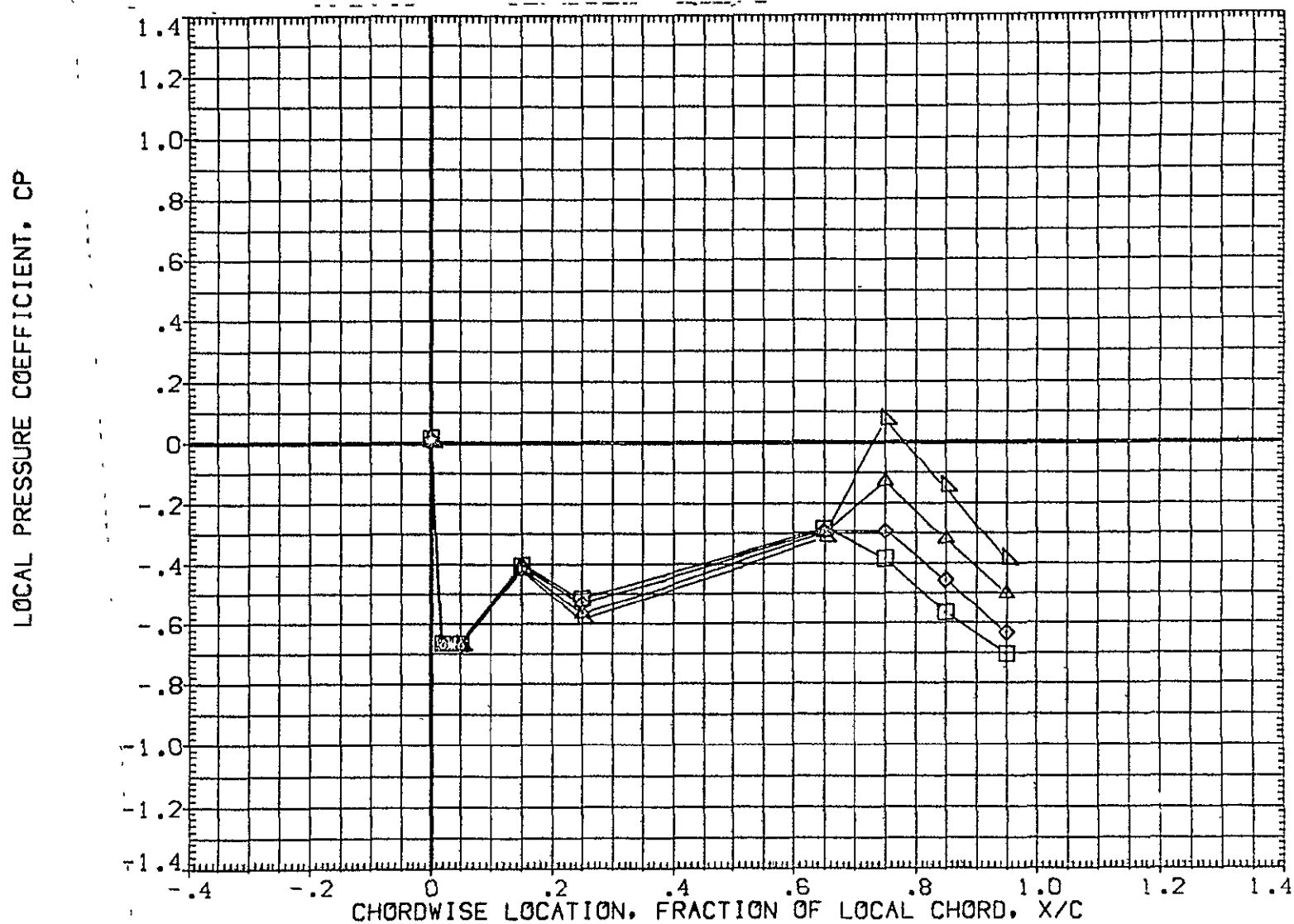


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -6.000 2Y/B = .771 PAGE 1154

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

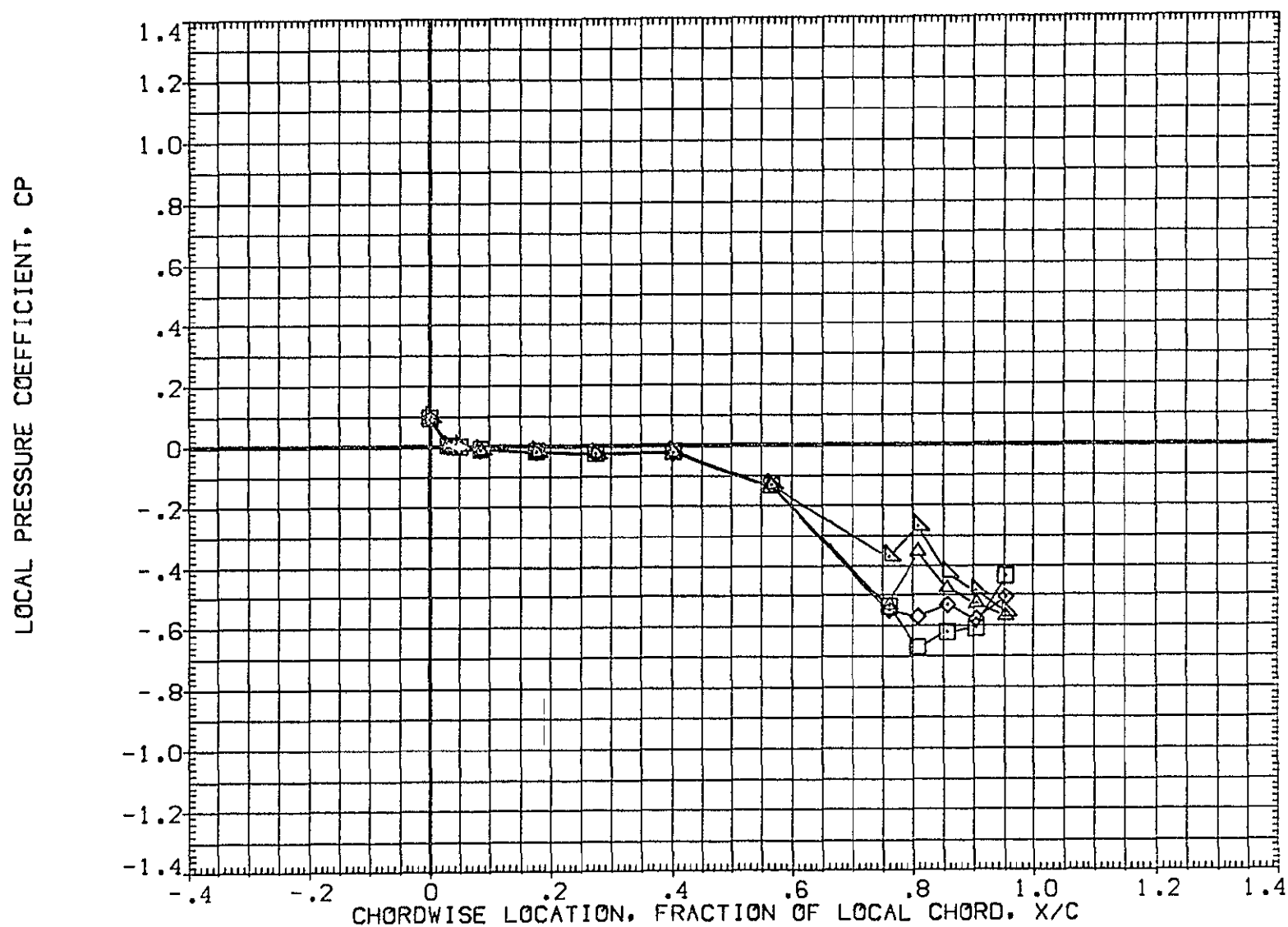


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -4.000 2Y/B = .436 PAGE 1155

[ AF7L65 ]	○
[ AF7L47 ]	□
[ AF7L52 ]	◇
[ AF7L57 ]	△
[ AF7L62 ]	▽

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	□	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	◇	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	△	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	▽	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

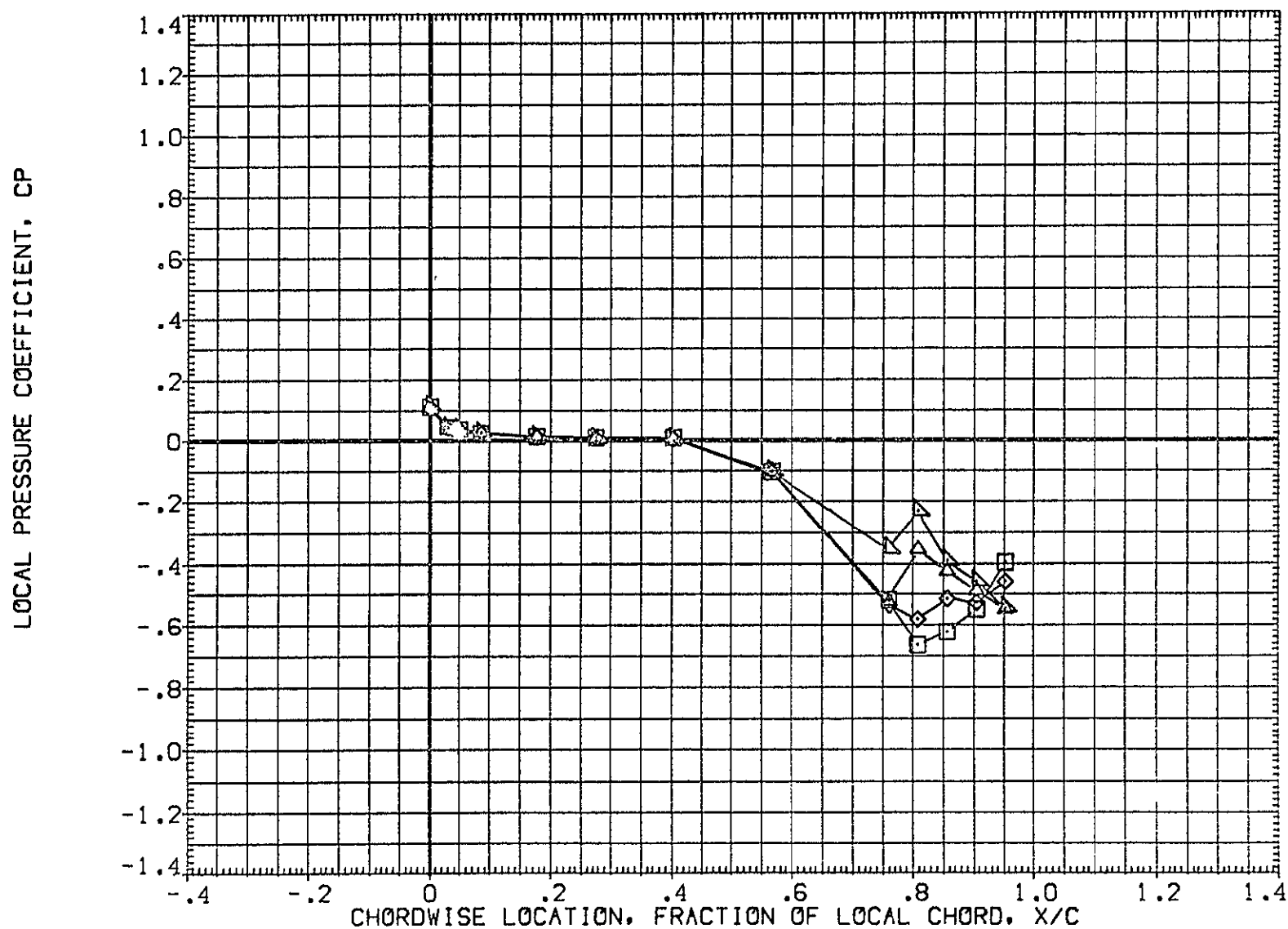


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -2.000 2Y/B = .436 PAGE 1157

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

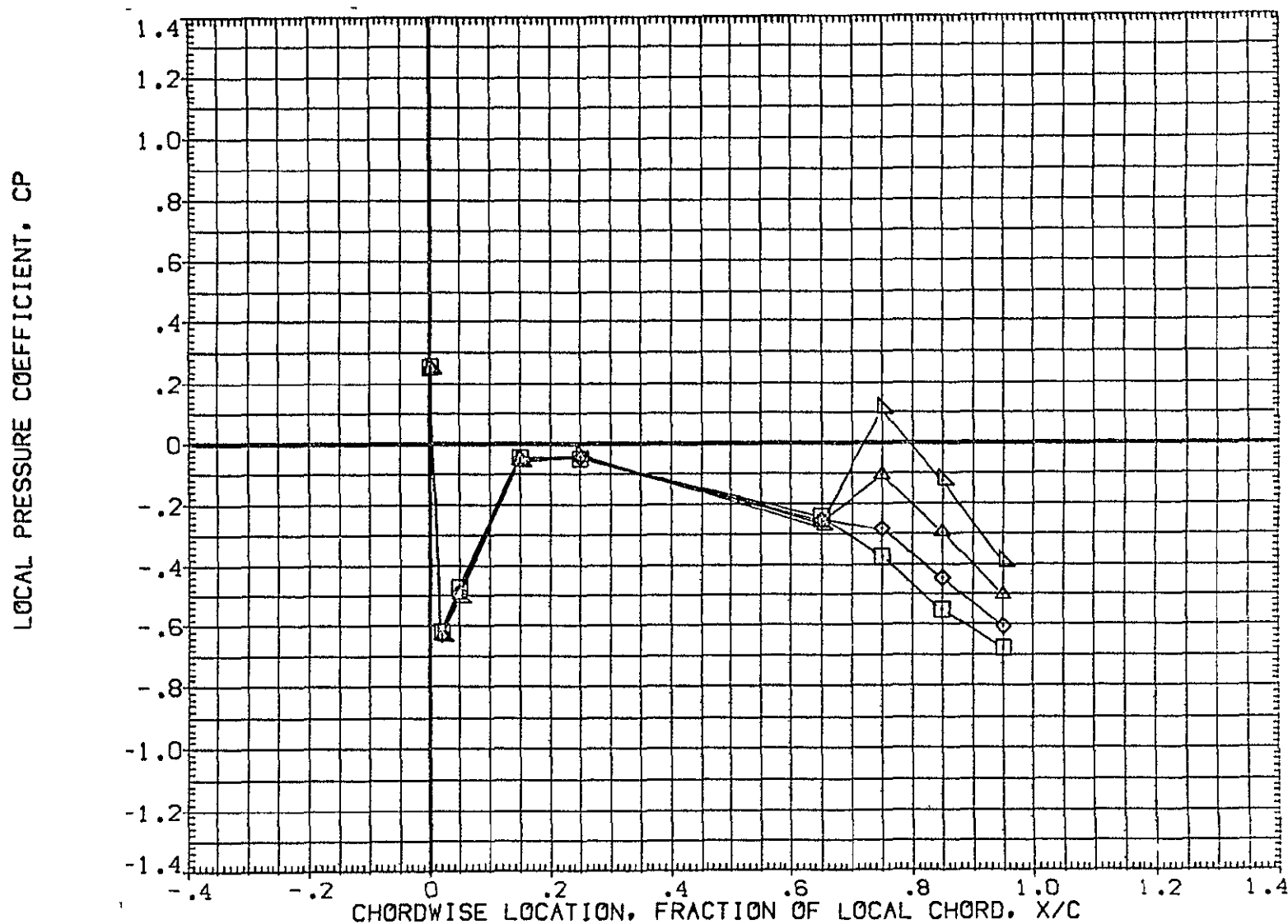


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -2.000 2Y/B = .771 PAGE 1158

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

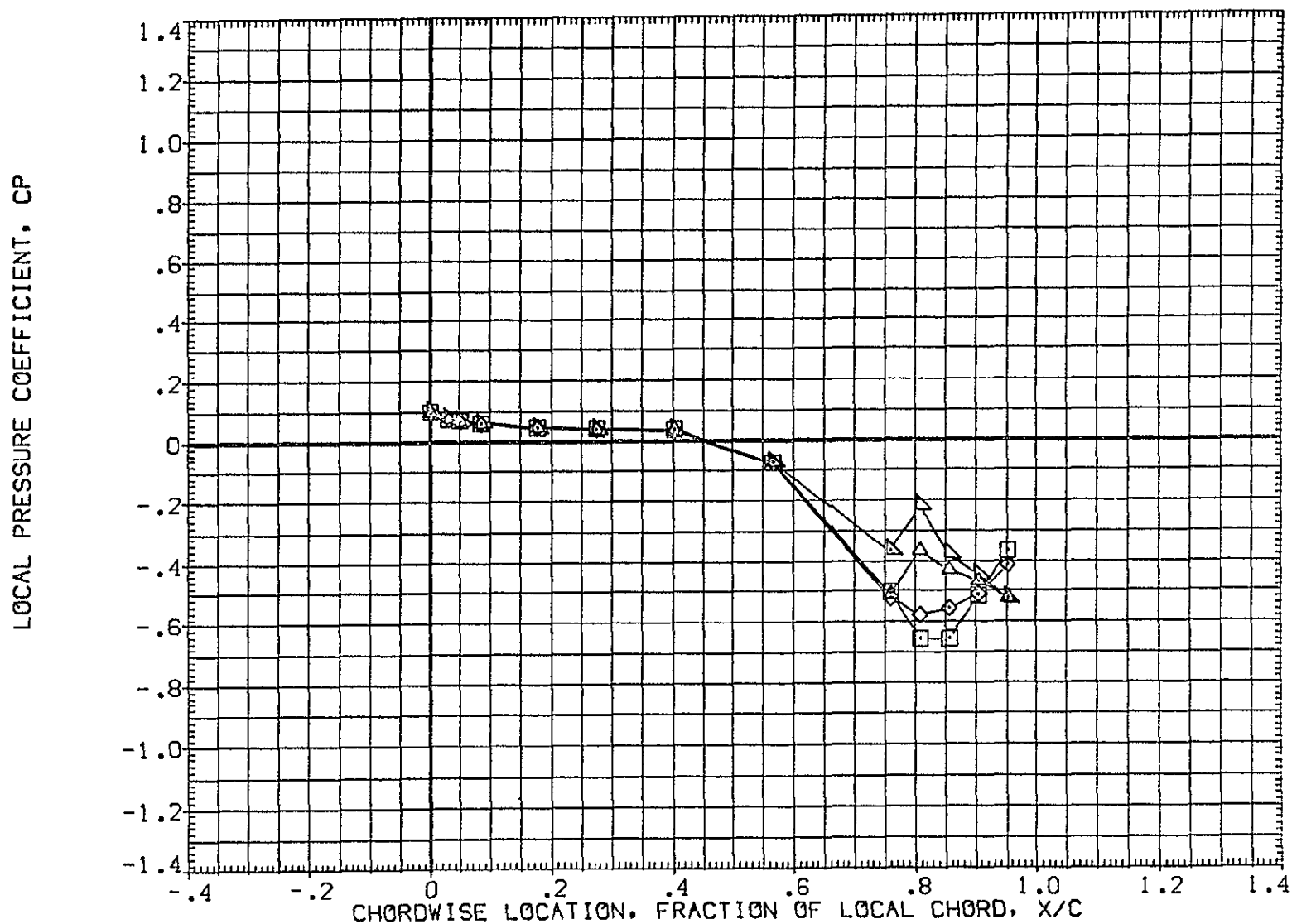


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = .000 2Y/B = .436 PAGE 1159



DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(AF7L65)	DATA NOT AVAILABLE
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L52)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L57)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

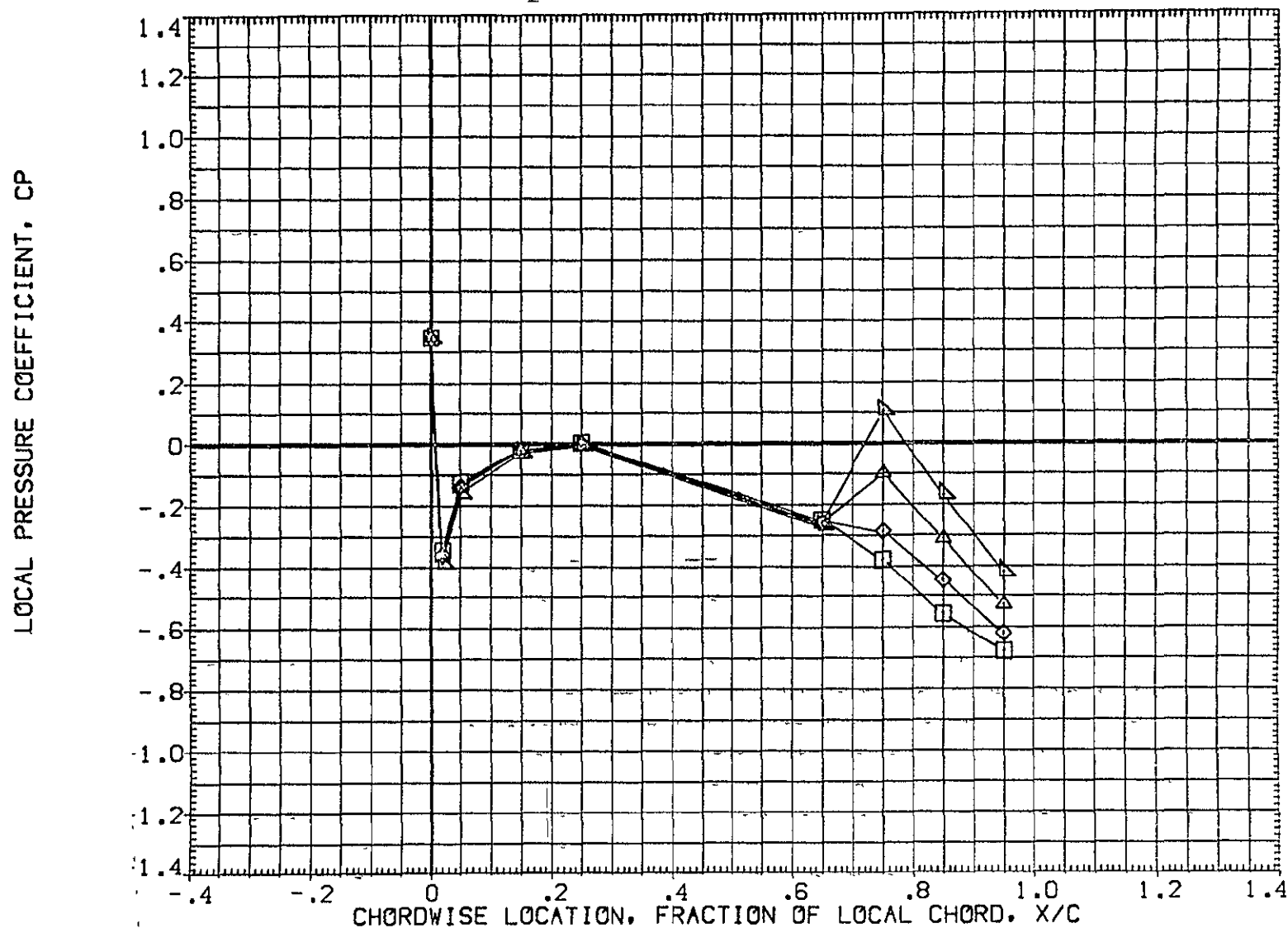


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

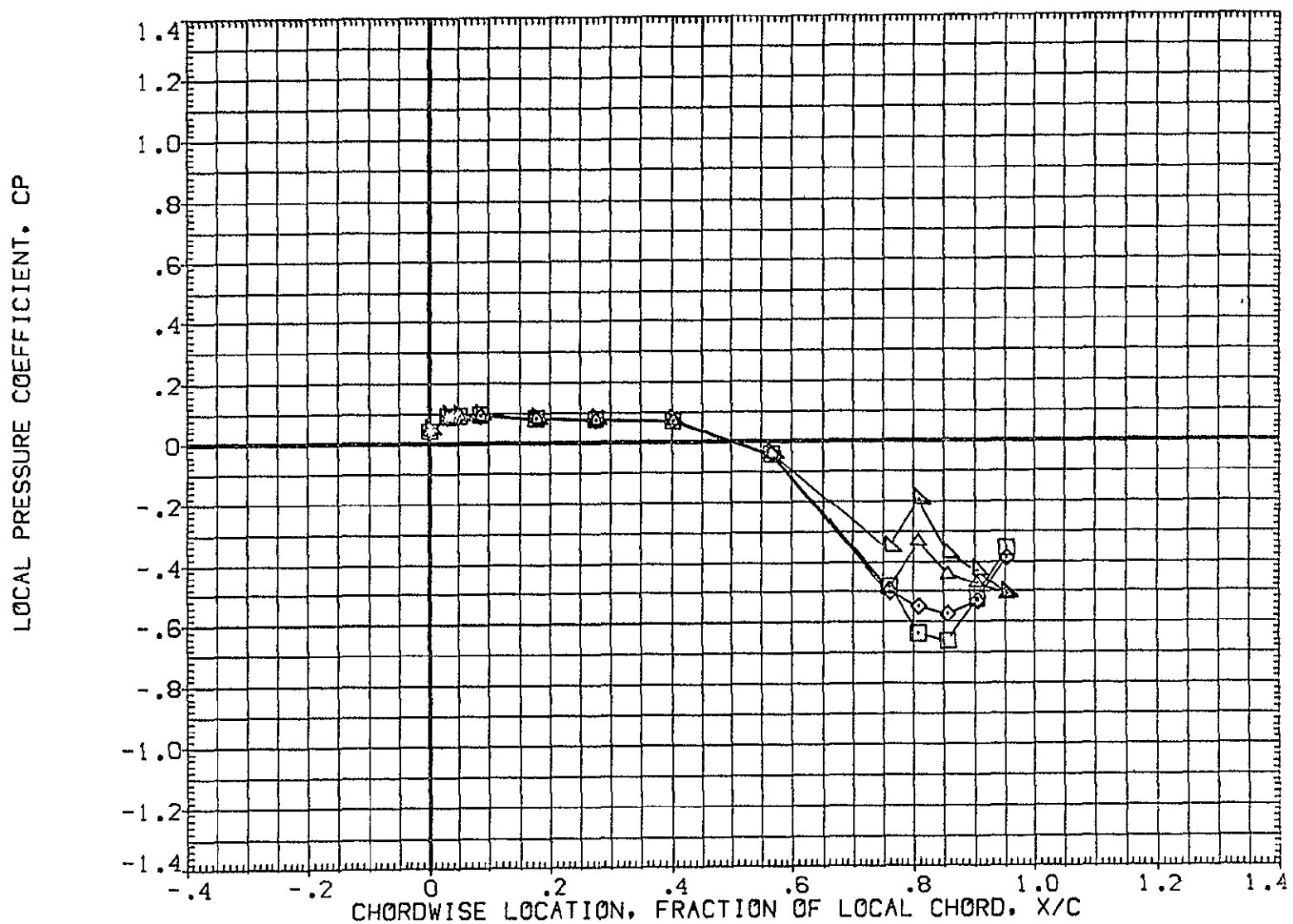


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 2.000 2Y/B = .436 PAGE 1161

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	DATA NOT AVAILABLE				
[AF7L47]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L52]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L57]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L62]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
		8.000	12.000	12.000	12.000

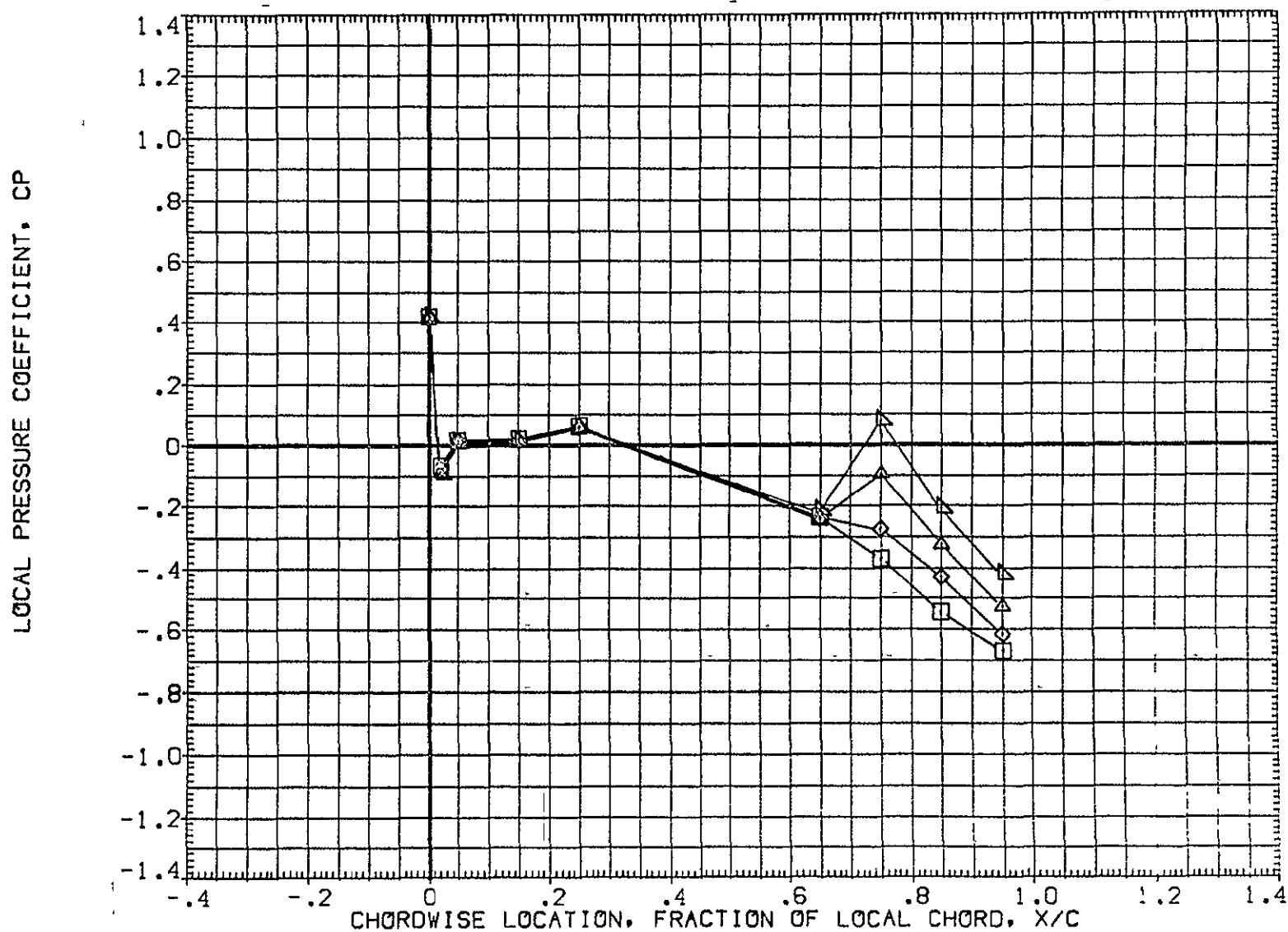


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

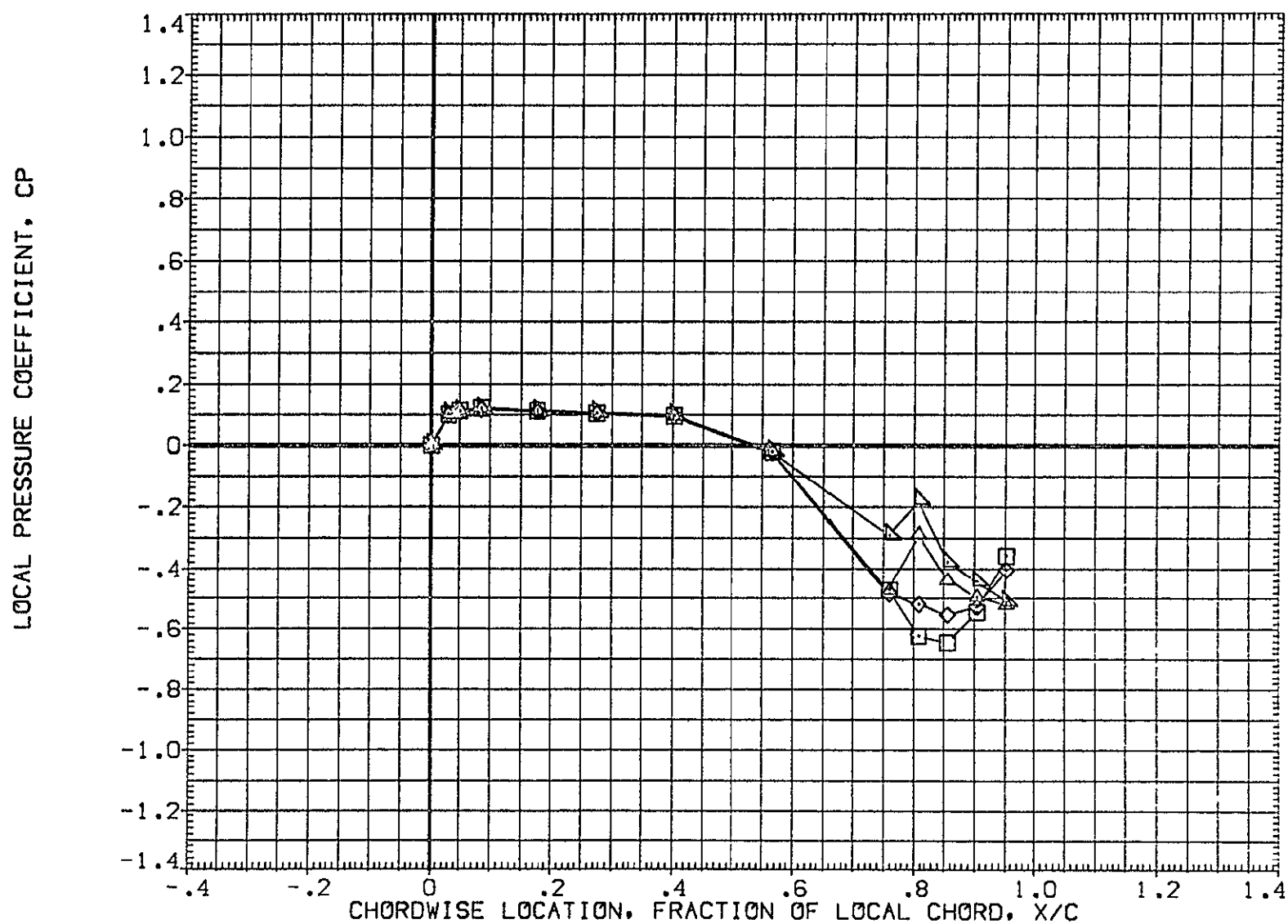


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = 1.120 ALPHA = 4.000  $2Y/B = .436$  PAGE 1163

DATA SET SYMBOL CONFIGURATION DESCRIPTION

{AF7L65}	DATA NOT AVAILABLE						-4.000	.000	-4.000	-4.000
{AF7L47}	A70	01	T12	S1	P2	P8	WING LOWER SURFACE	.000	.000	.000
{AF7L52}	A70	01	T12	S1	P2	P8	WING LOWER SURFACE	4.000	4.000	4.000
{AF7L57}	A70	01	T12	S1	P2	P8	WING LOWER SURFACE	8.000	8.000	8.000
{AF7L62}	A70	01	T12	S1	P2	P8	WING LOWER SURFACE	8.000	12.000	12.000

LOCAL PRESSURE COEFFICIENT, CP

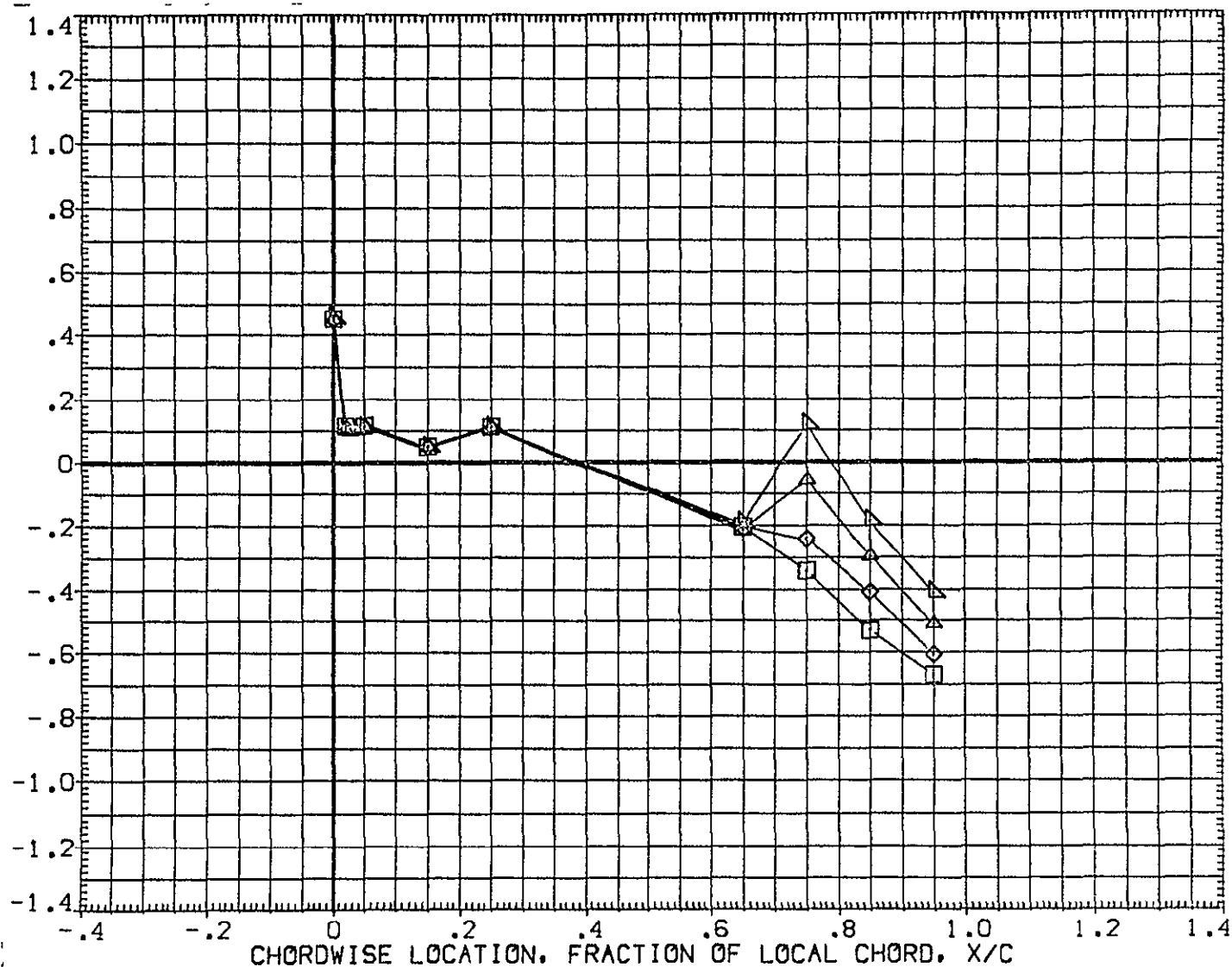


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

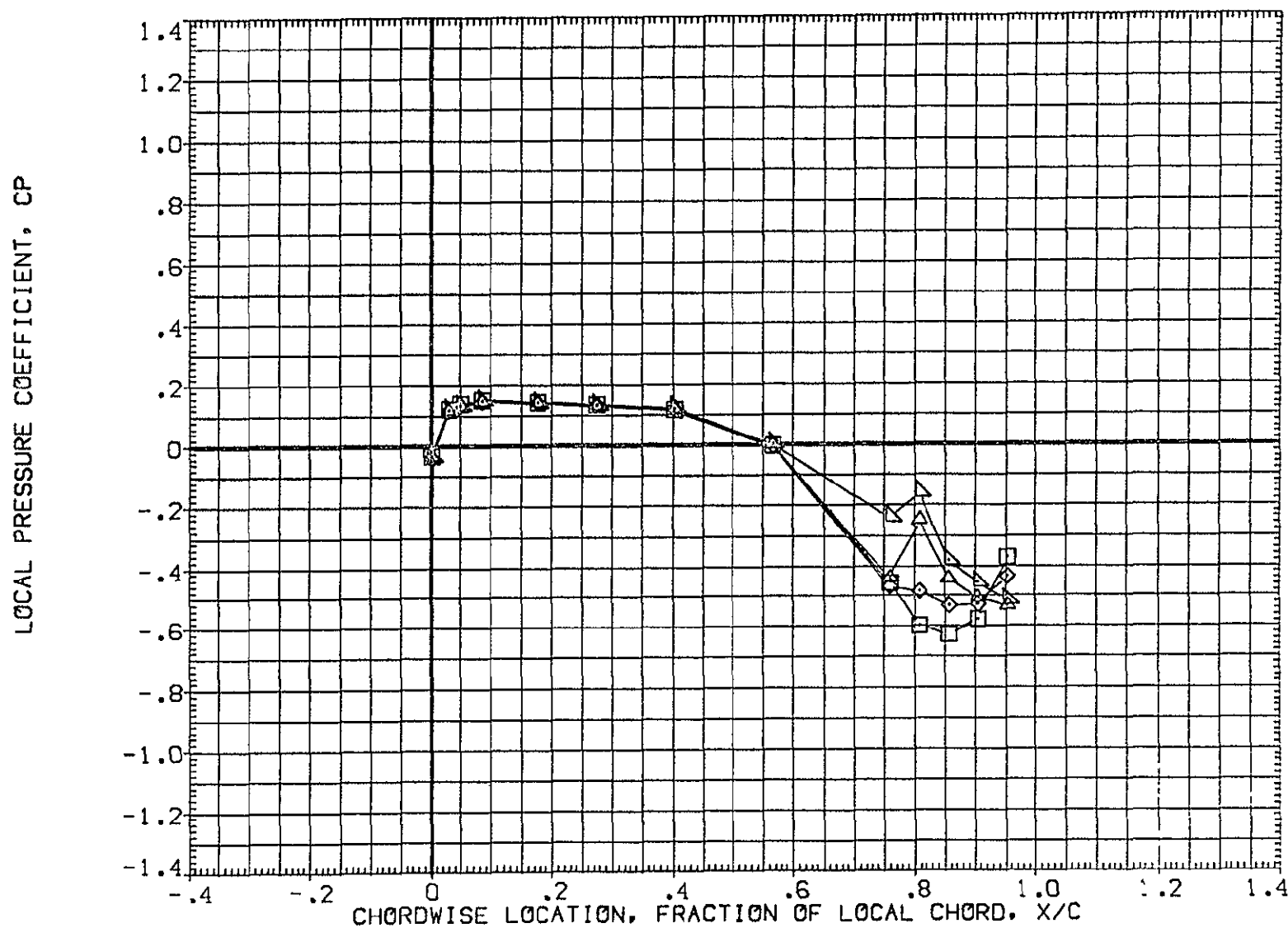


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 6.000 2Y/B = .436 PAGE 1165

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L55]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L47]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

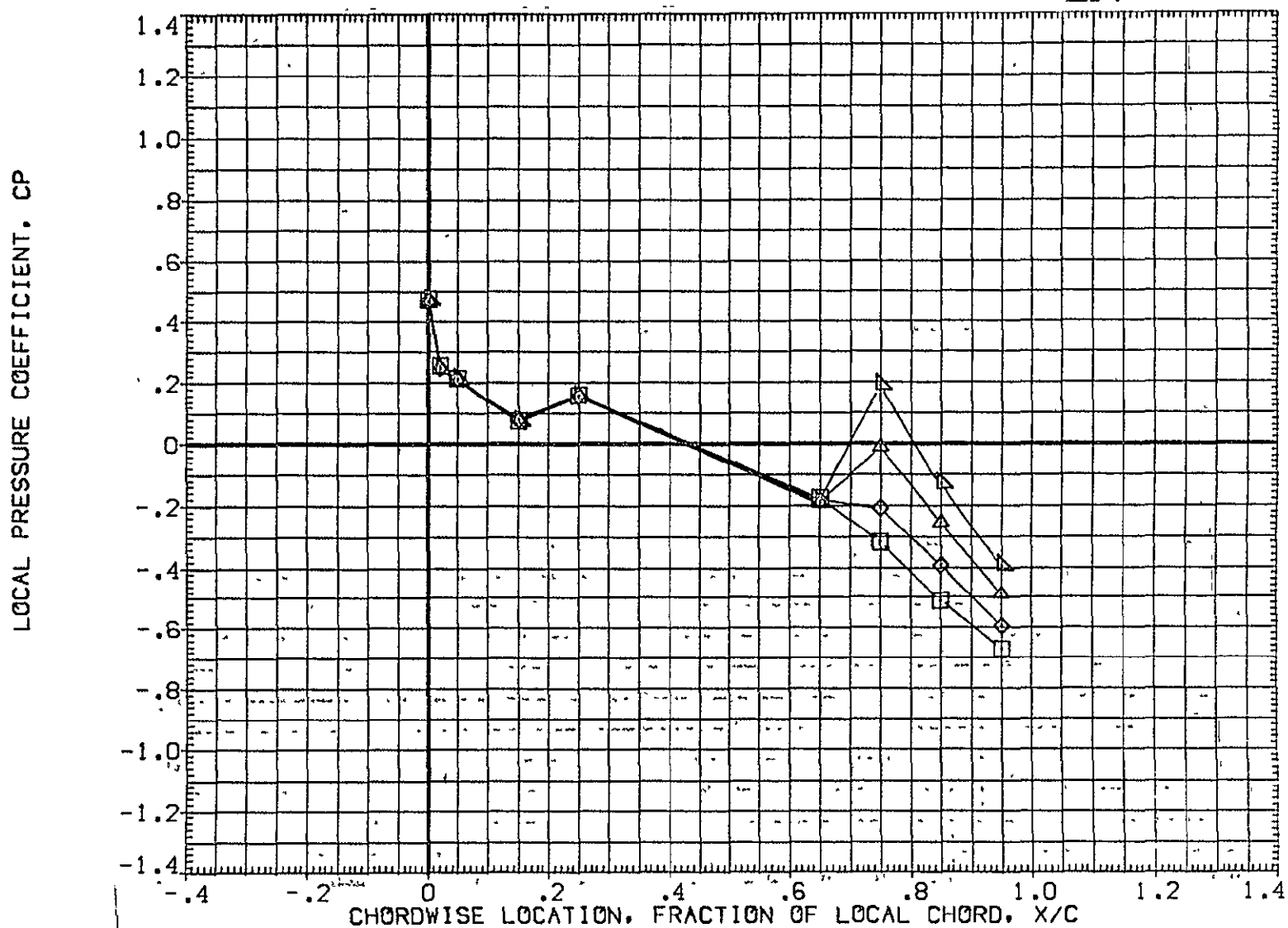


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 6.000 2Y/B = .771 PAGE 1166

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

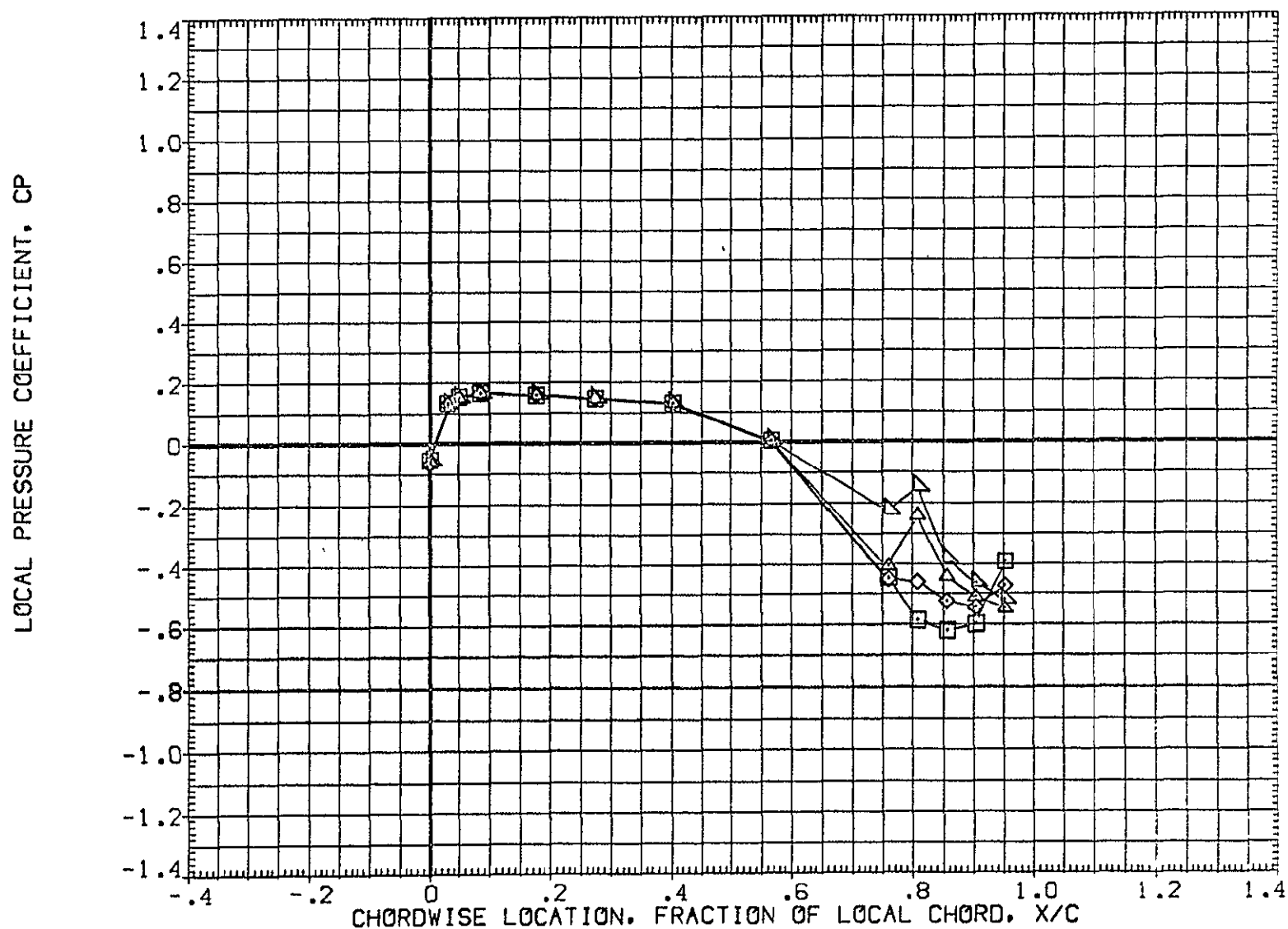


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 8.000 2Y/B = .436 PAGE 1167



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

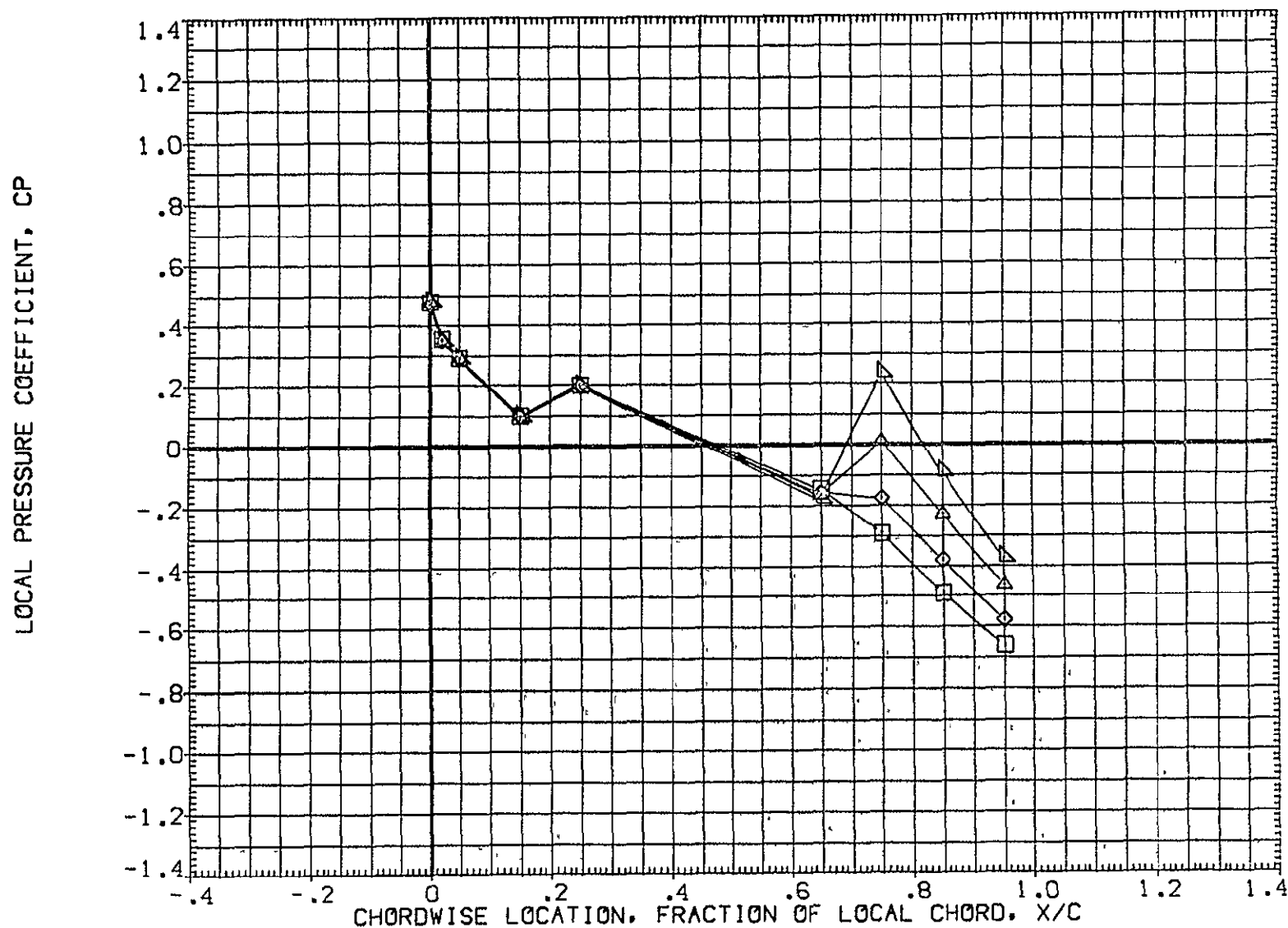


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

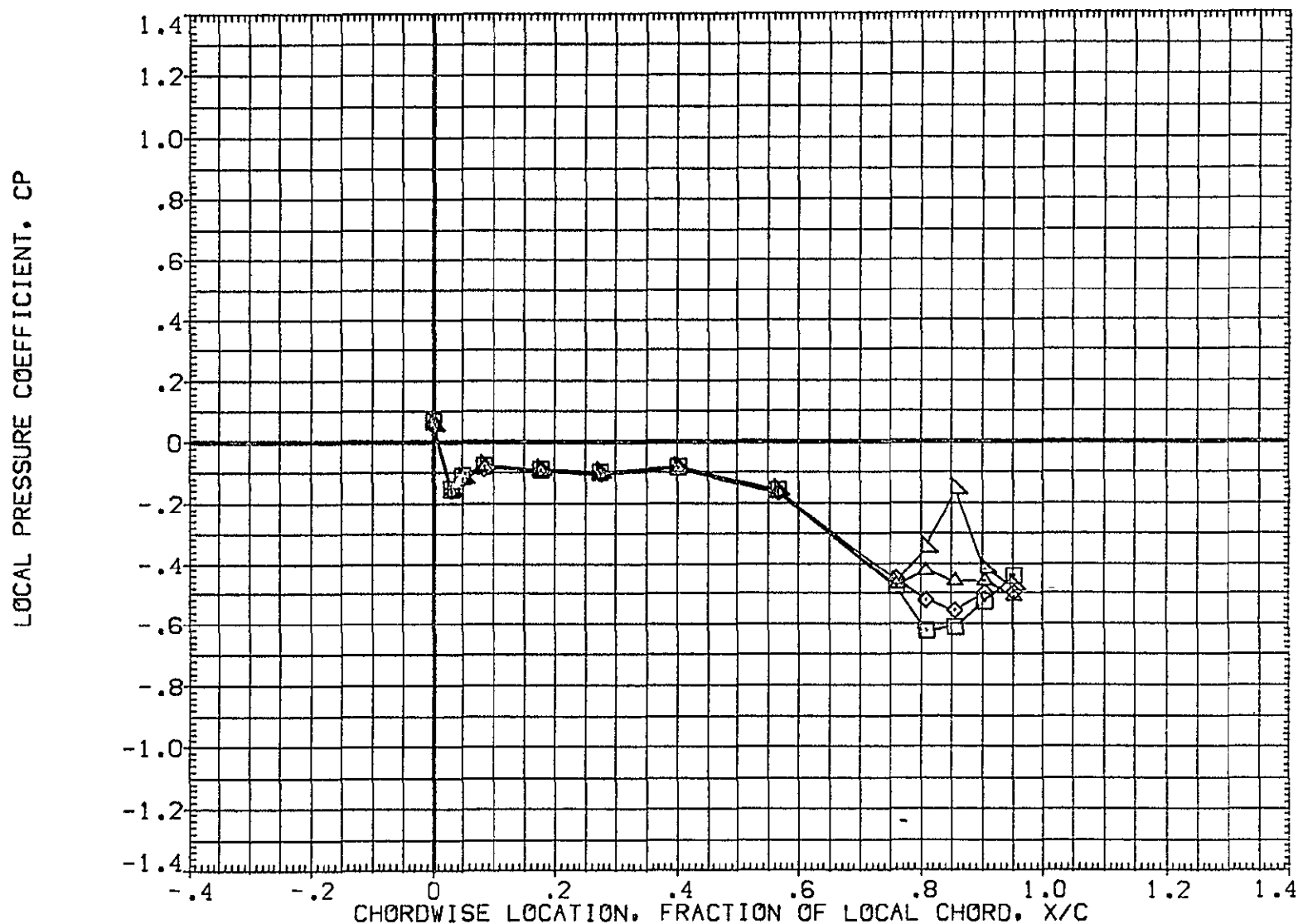


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -8.000 2Y/B' = .436 PAGE 1169

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

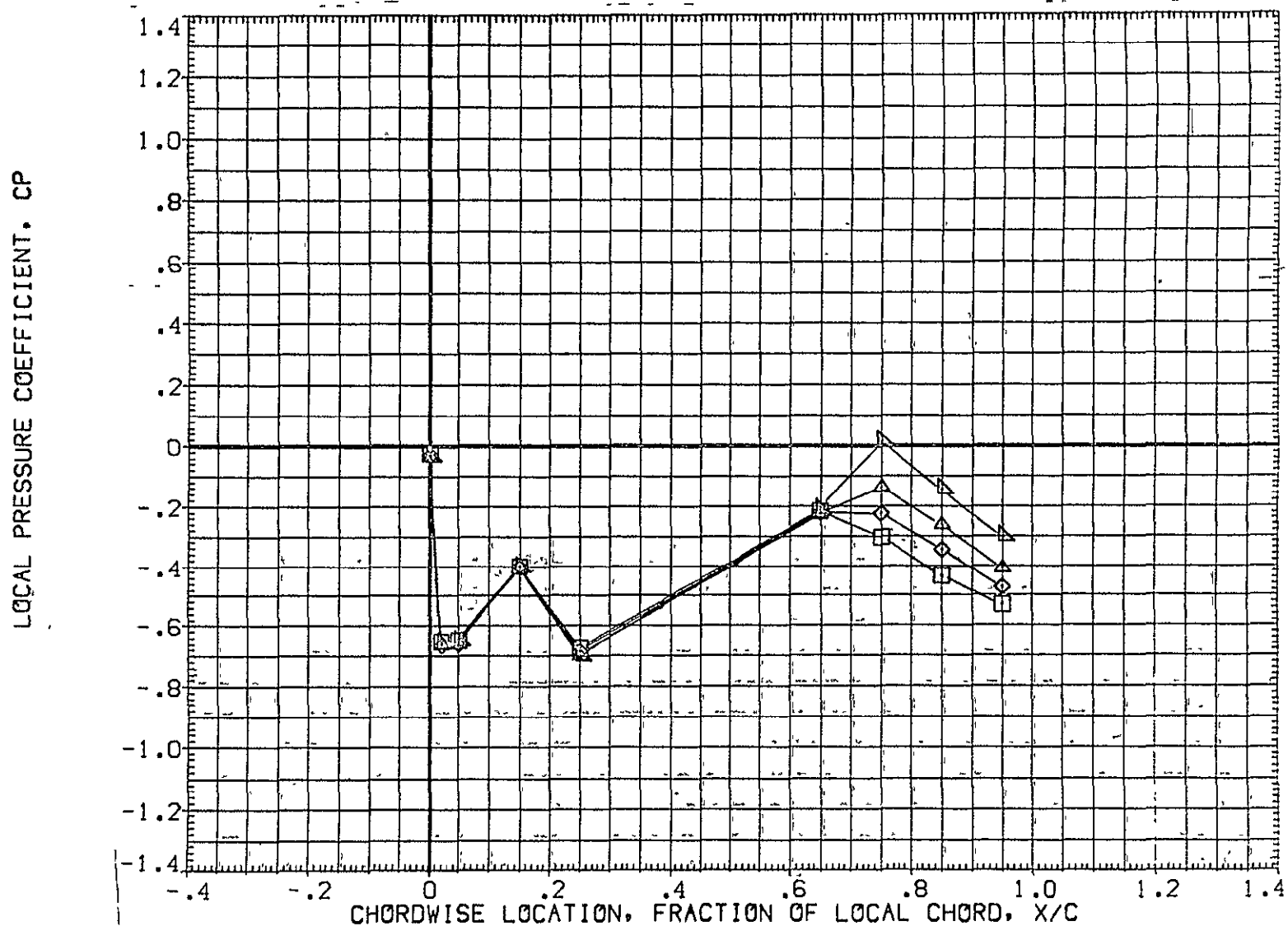


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7LS2)	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7LS7)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING LOWER SURFACE				
	WING LOWER SURFACE				
	WING LOWER SURFACE				
	WING LOWER SURFACE				

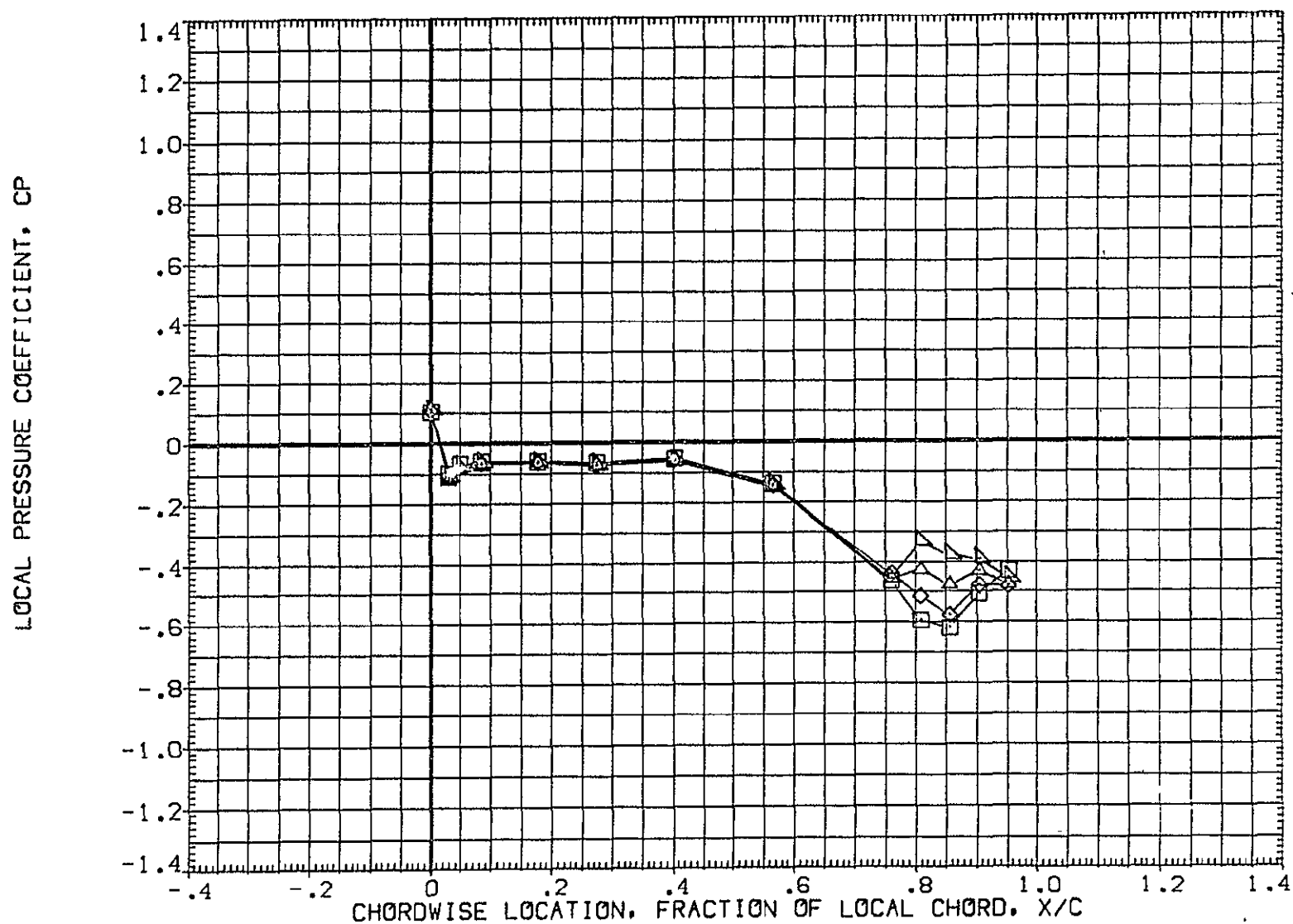


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 1171

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	VING LOWER SURFACE				

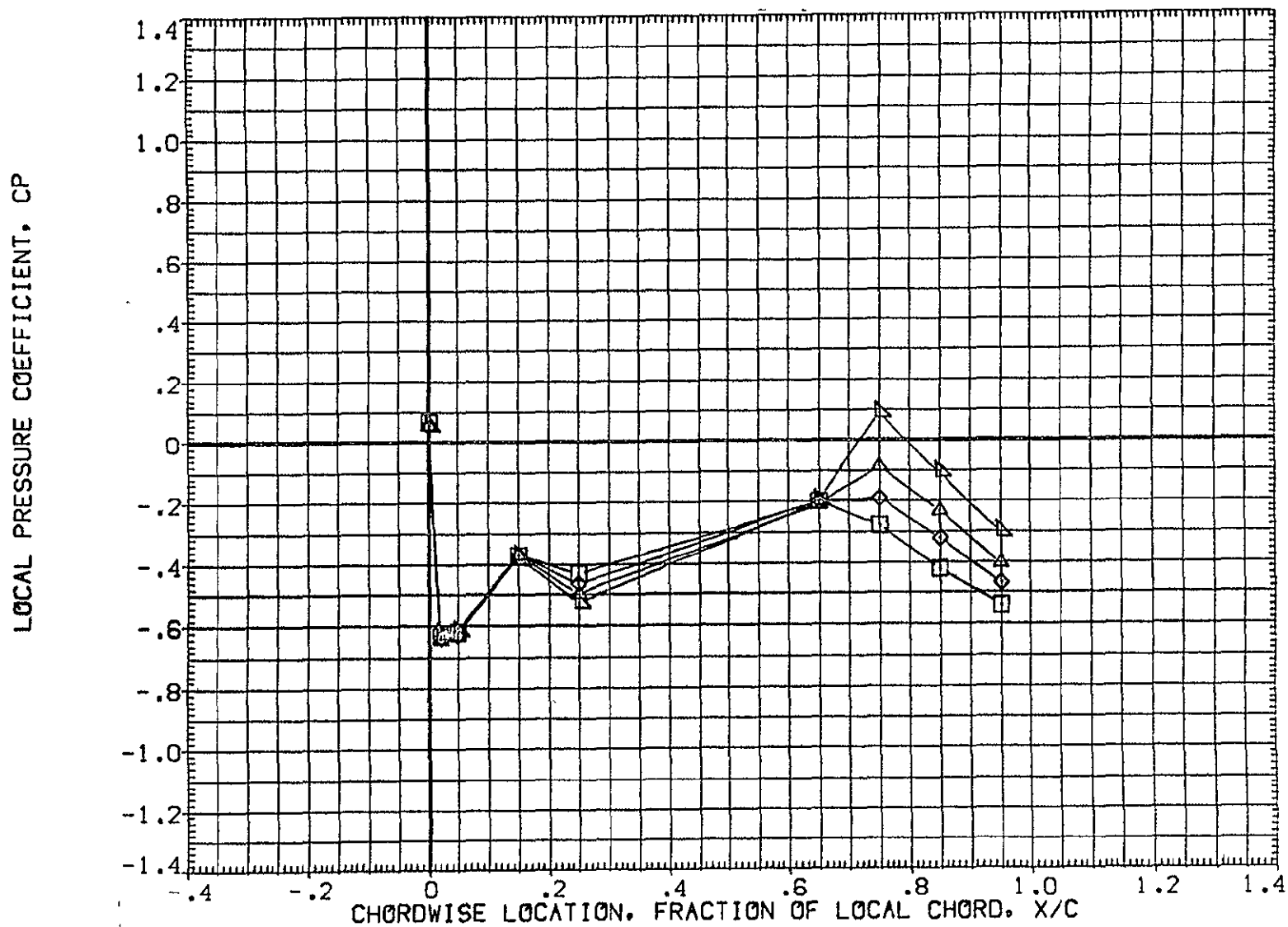


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -6.000 2Y/B = .771 PAGE 1172

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	DATA NOT AVAILABLE	.000	.000	.000	.000
(AF7L52)	DATA NOT AVAILABLE	4.000	4.000	4.000	4.000
(AF7L57)	DATA NOT AVAILABLE	8.000	8.000	8.000	8.000
(AF7L62)	DATA NOT AVAILABLE	8.000	12.000	12.000	12.000

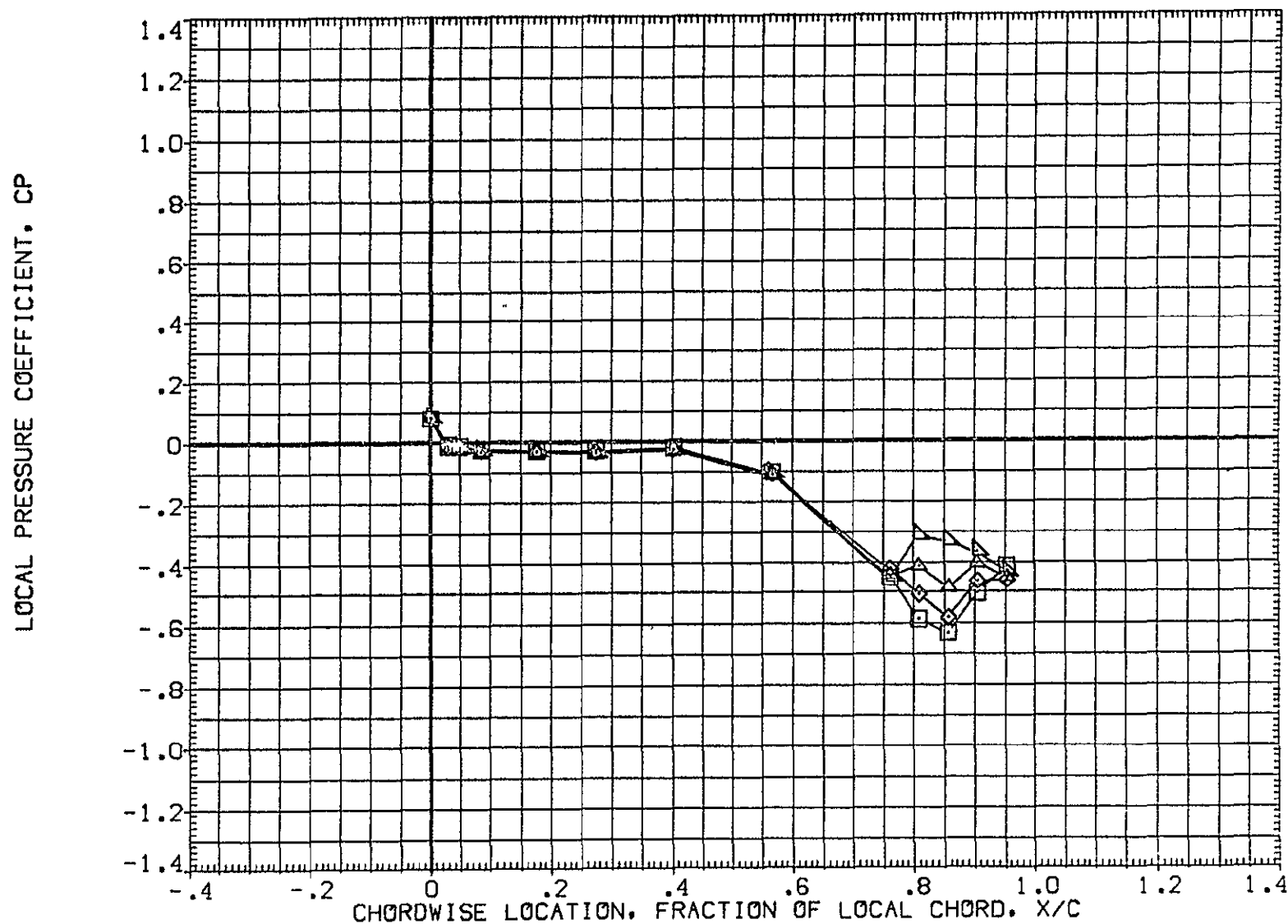


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 1173

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000
	WING LOWER SURFACE				
	WING LOWER SURFACE				
	WING LOWER SURFACE				
	WING LOWER SURFACE				

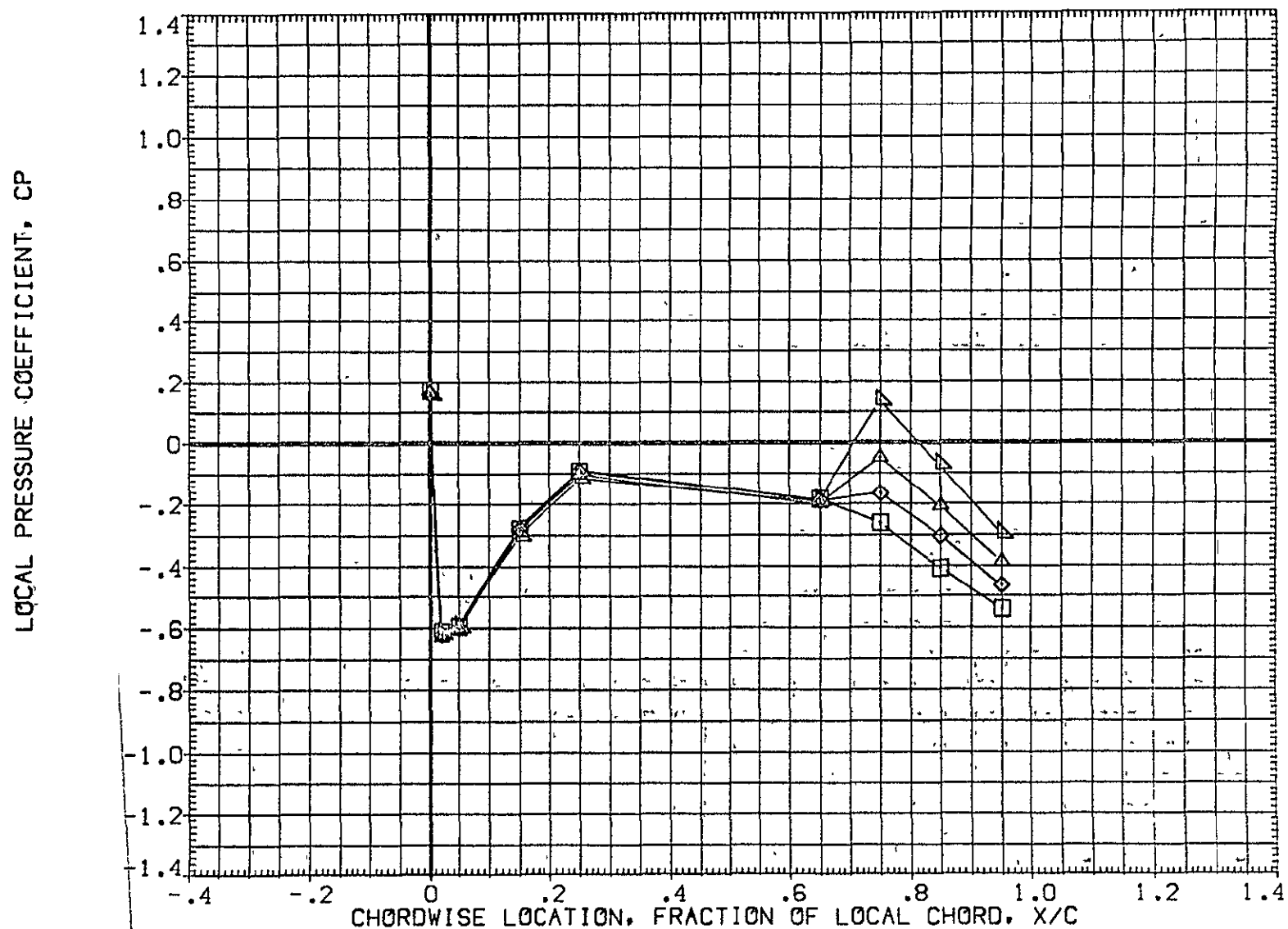


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	□	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	△	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	×	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	▽	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

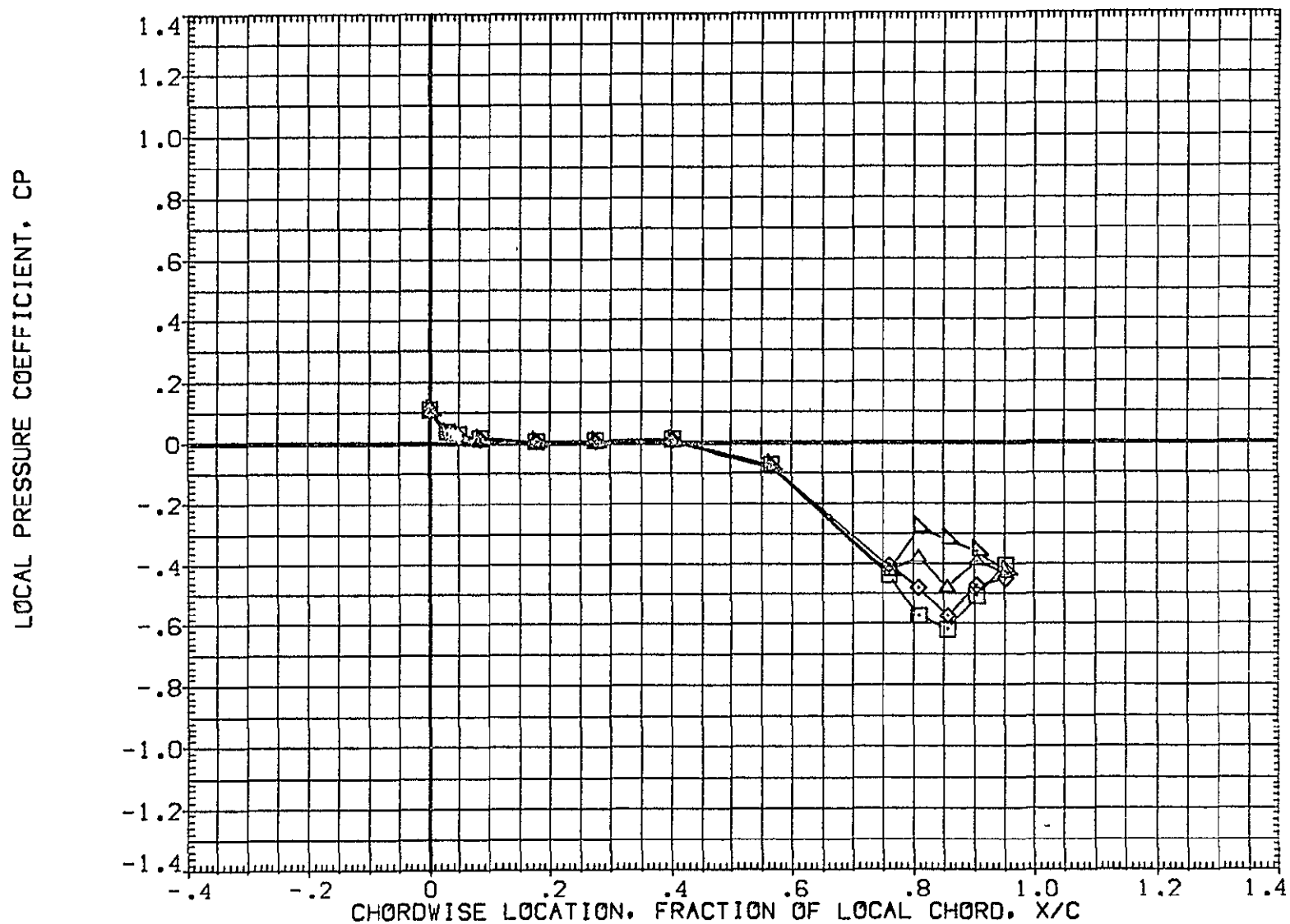


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 1175



DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(AF7L65)	DATA NOT AVAILABLE
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

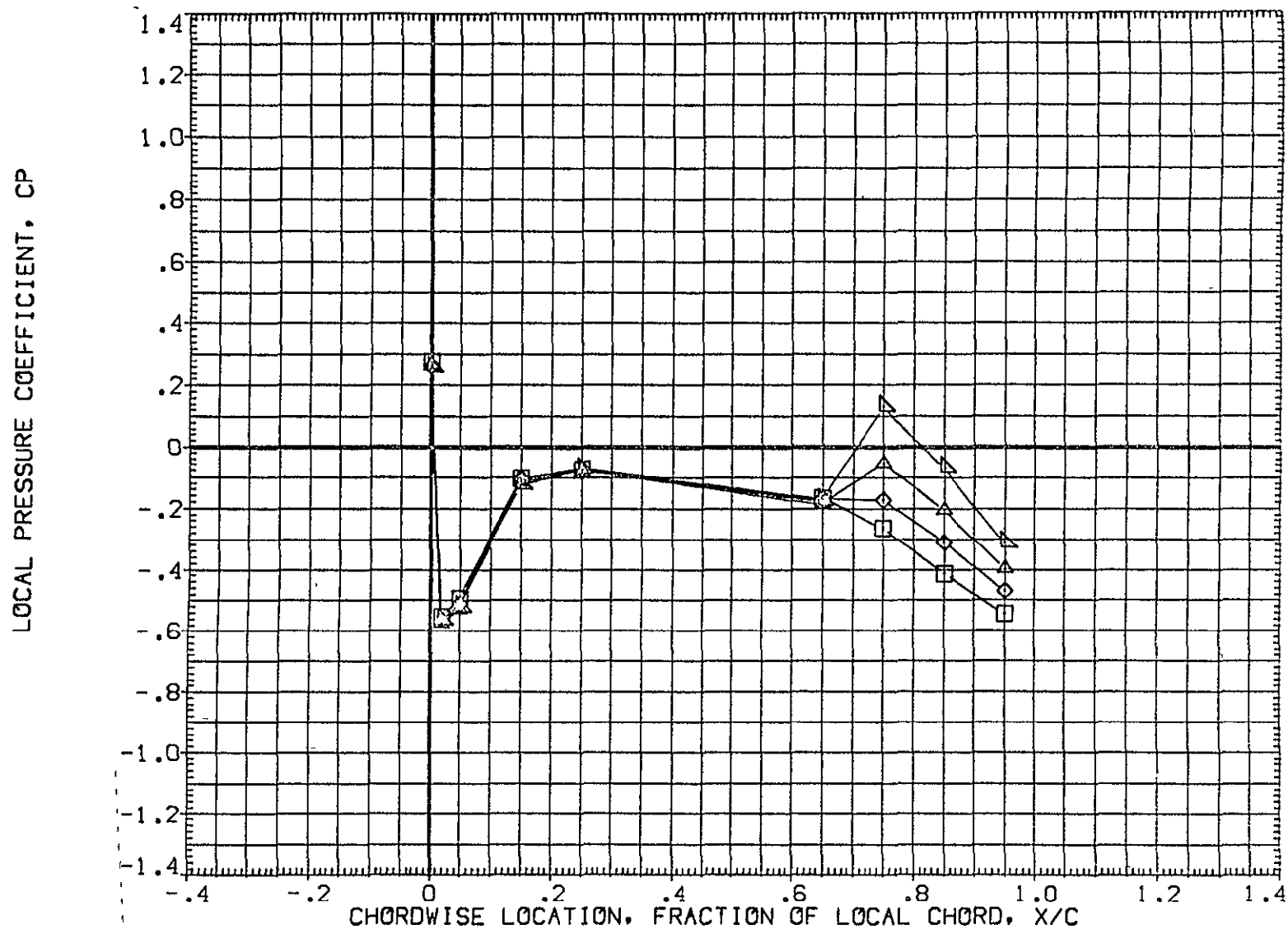


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	◇	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L52)	◇	1A70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7L57)	△	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L62)	▽	1A70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

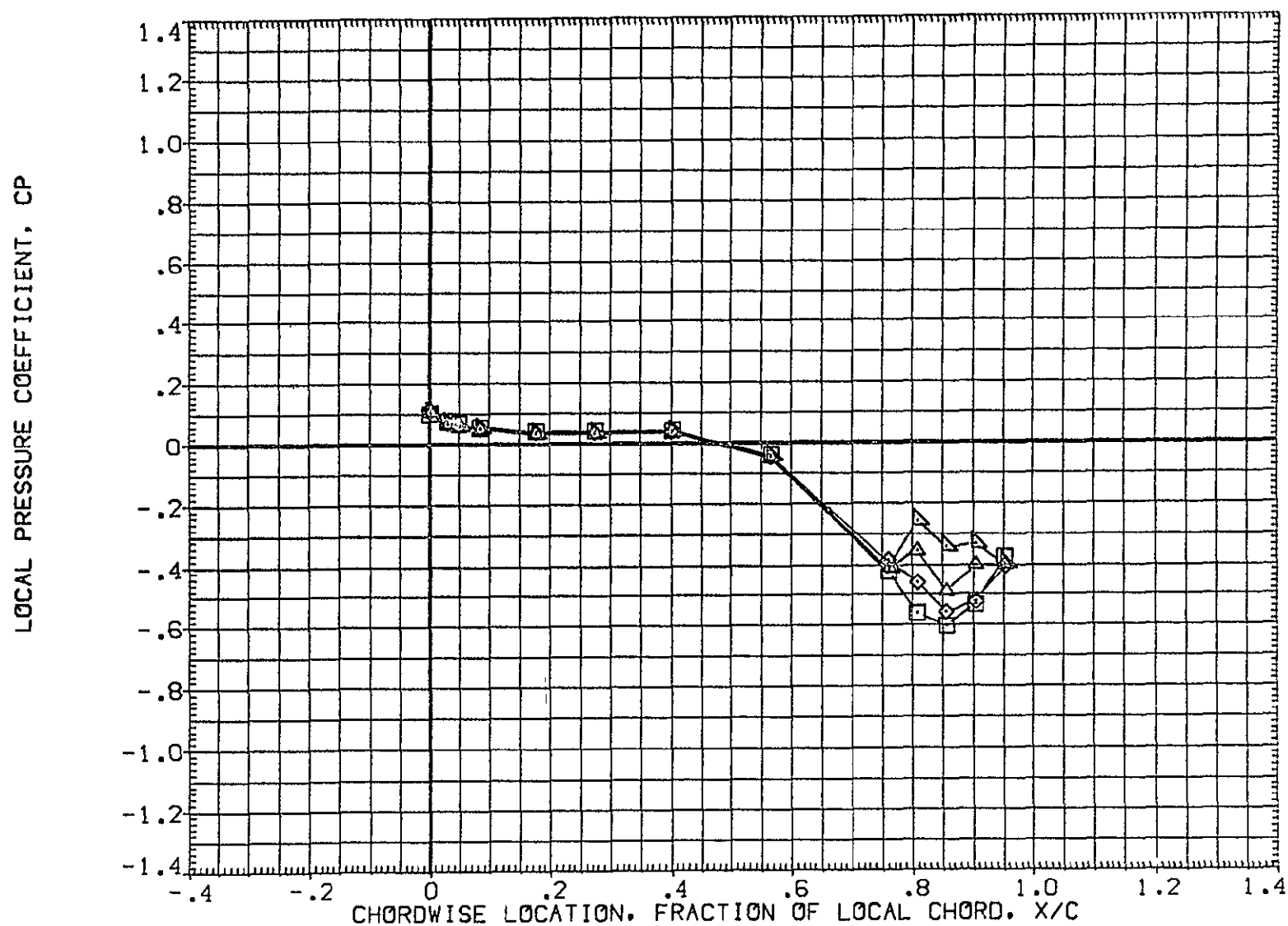


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = .000 2Y/B = .436 PAGE 1177

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

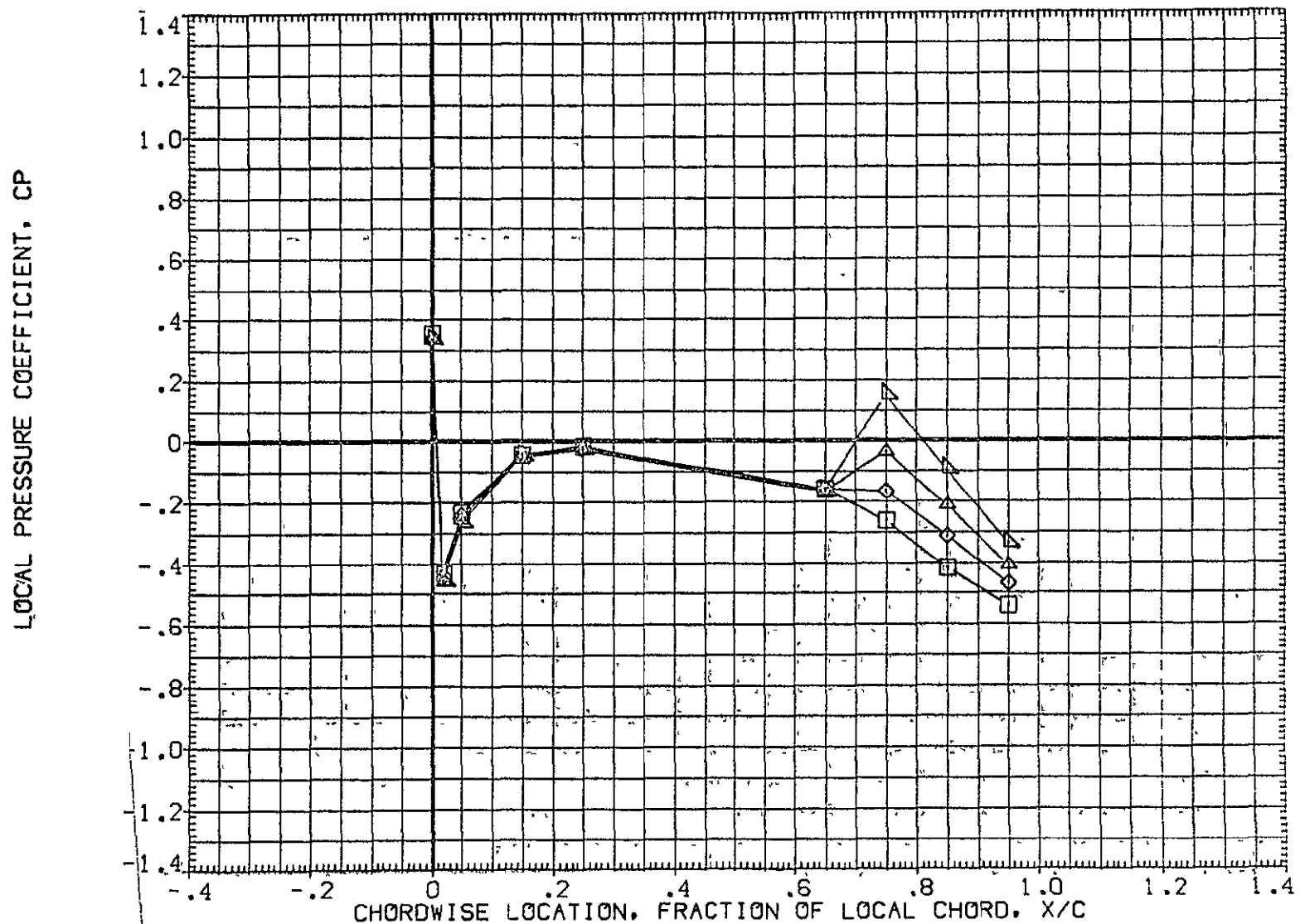


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = .000 2Y/B = .771 PAGE 1178

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

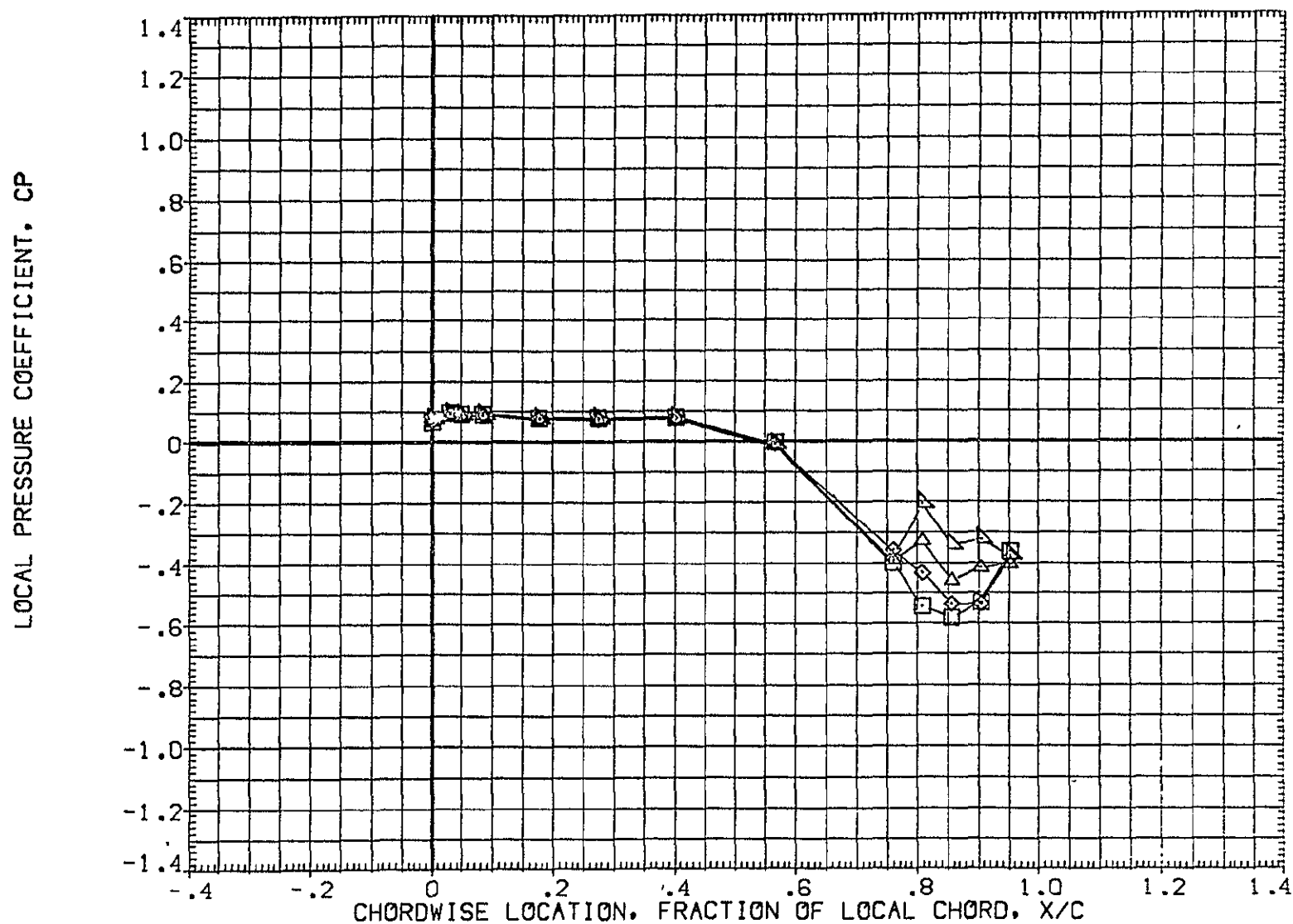


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 2.000 2Y/B = .436 PAGE 1179

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
[AF7L65]	DATA NOT AVAILABLE
[AF7L47]	IA70 01 T12 S1 P2 P8
[AF7L52]	IA70 01 T12 S1 P2 P8
[AF7L57]	IA70 01 T12 S1 P2 P8
[AF7L62]	IA70 01 T12 S1 P2 P8

ELV-1	ELV-2	ELV-3	ELV-4
-4.000	.000	-4.000	-4.000
.000	.000	.000	.000
4.000	4.000	4.000	4.000
8.000	8.000	8.000	8.000
8.000	12.000	12.000	12.000

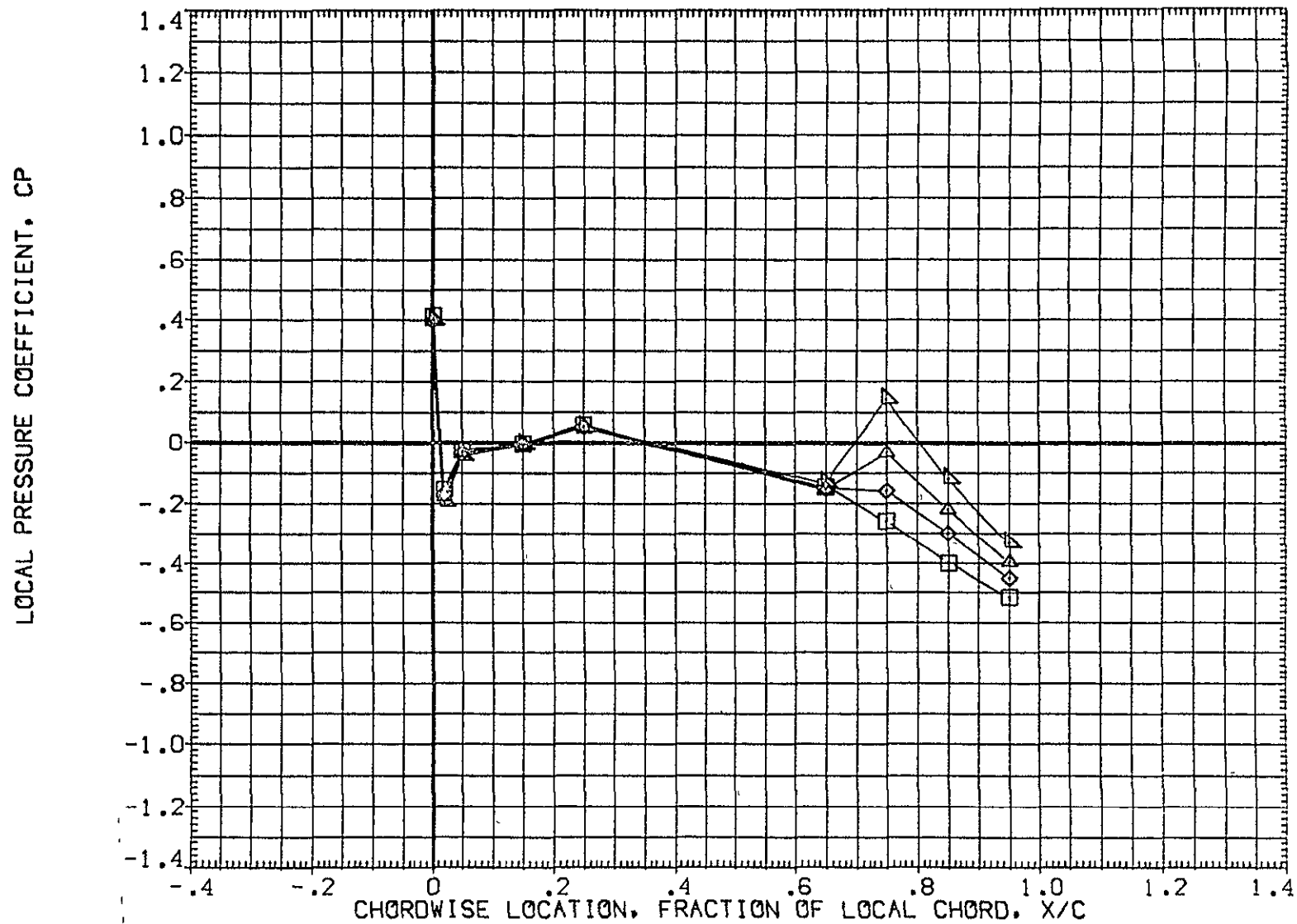


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH  $\frac{1}{2}$  1.240 ALPHA = 2.000 2Y/B = .771

PAGE 1180

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

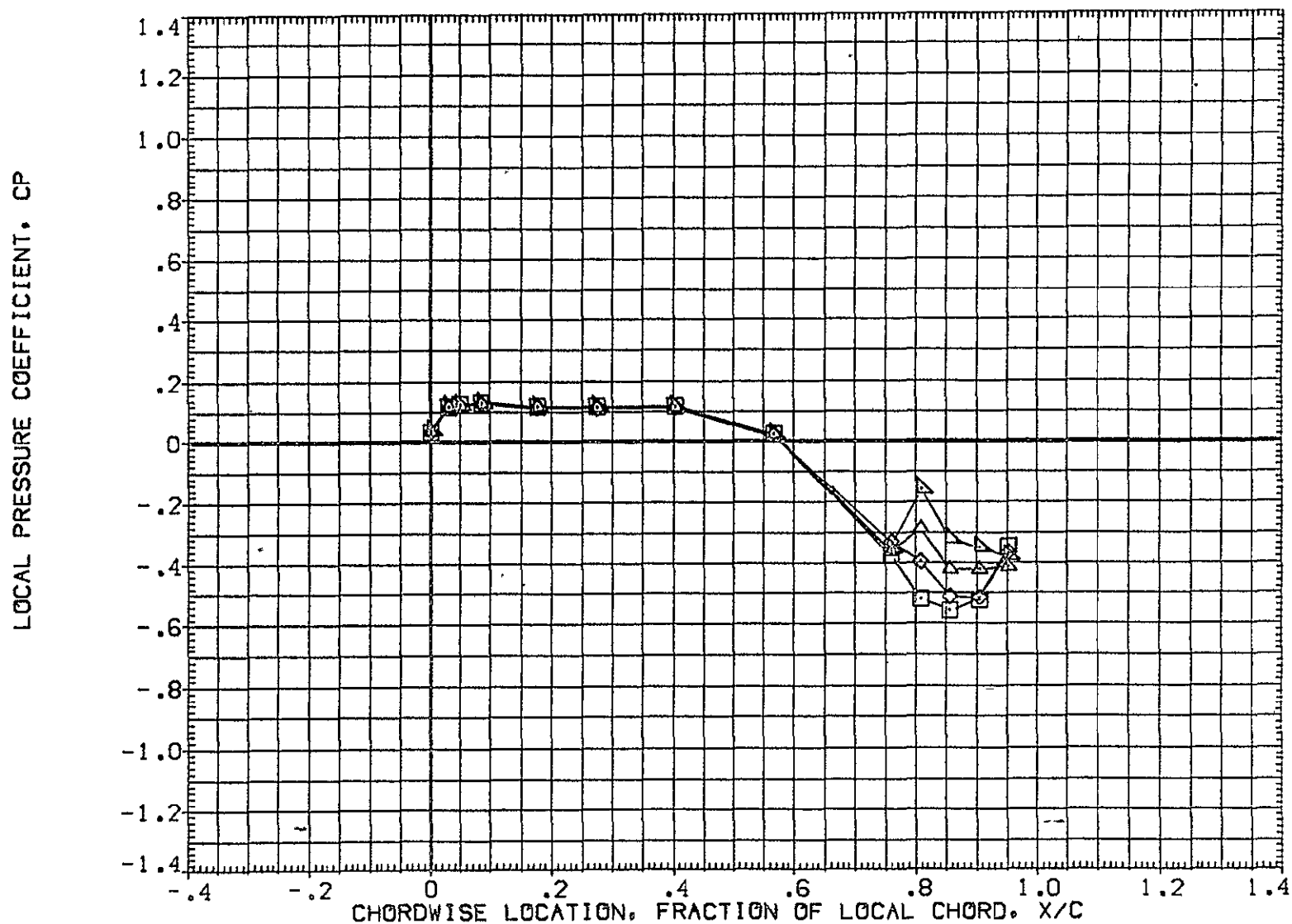


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 1181

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

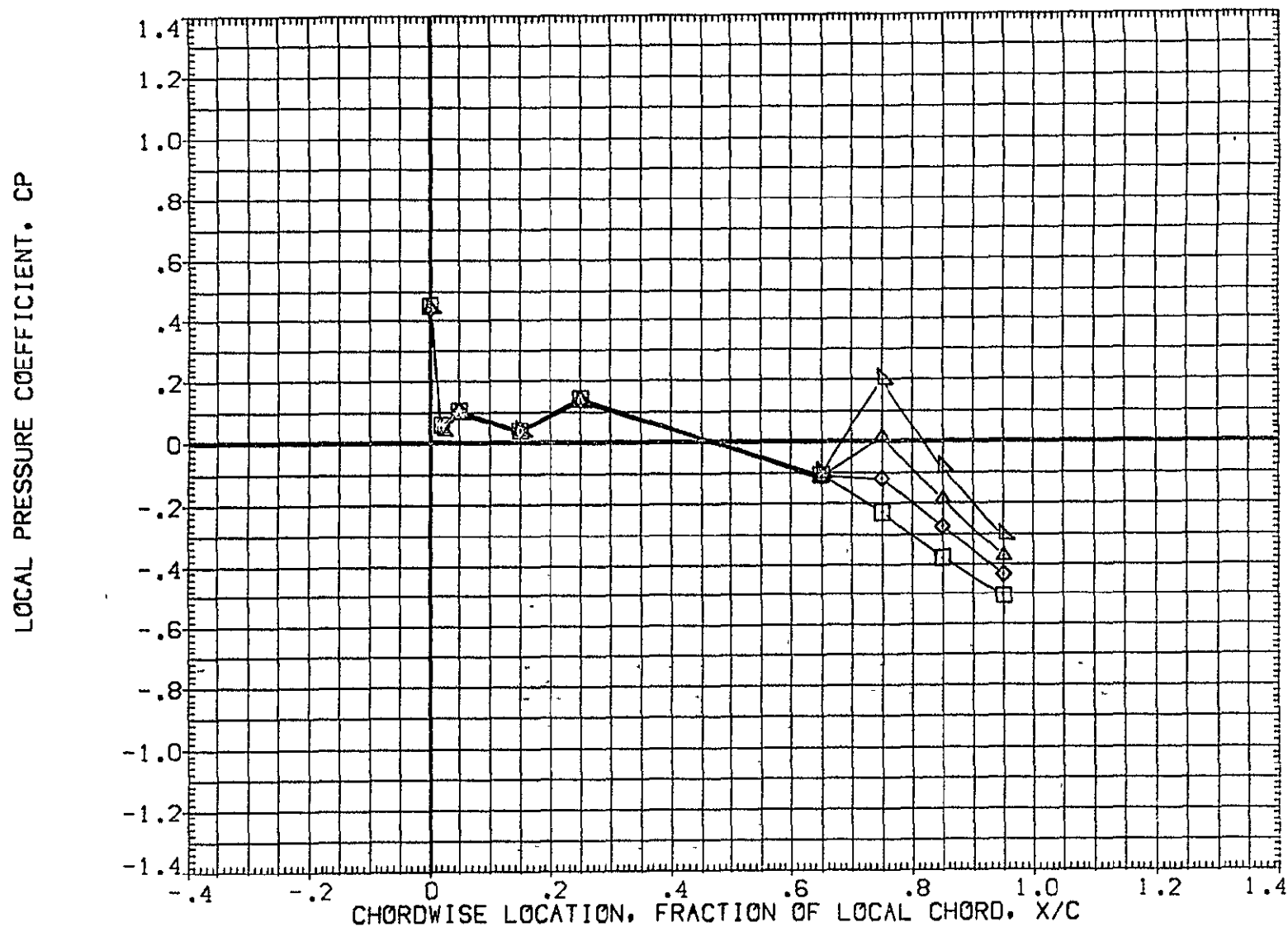


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 4.000 2Y/B = .771 PAGE 1182

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

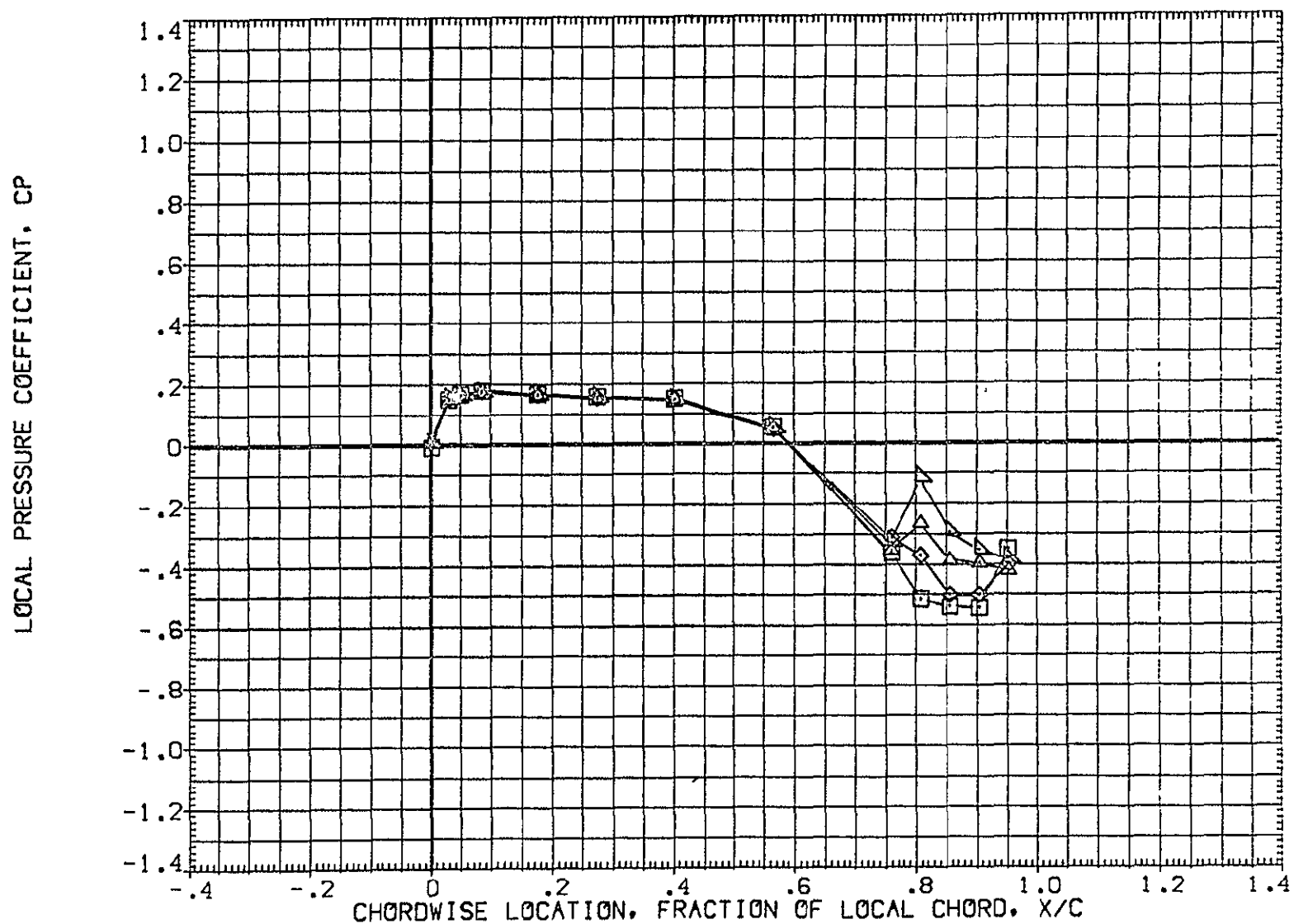


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

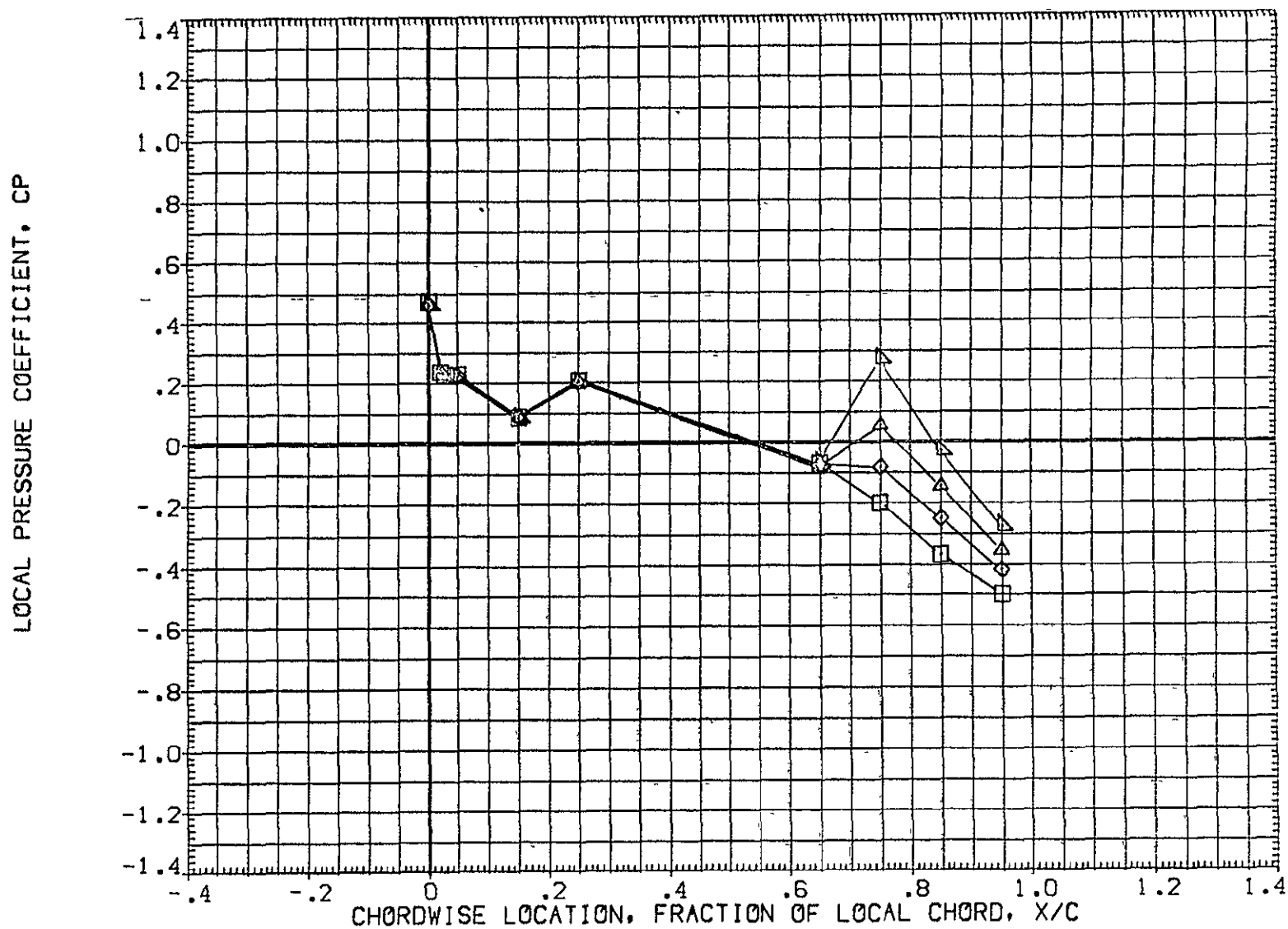


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 1184

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8	8.000	12.000	12.000	12.000

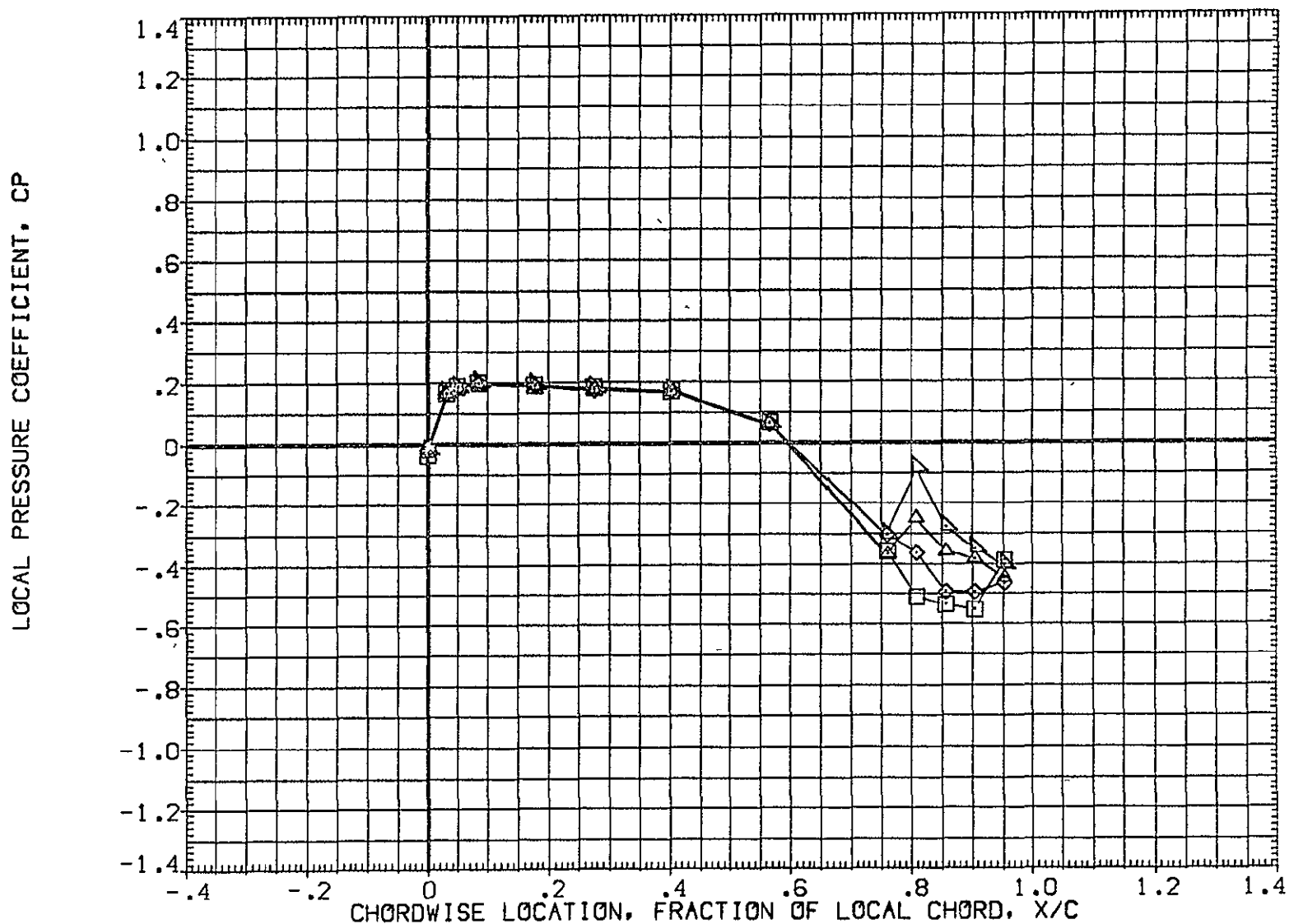


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

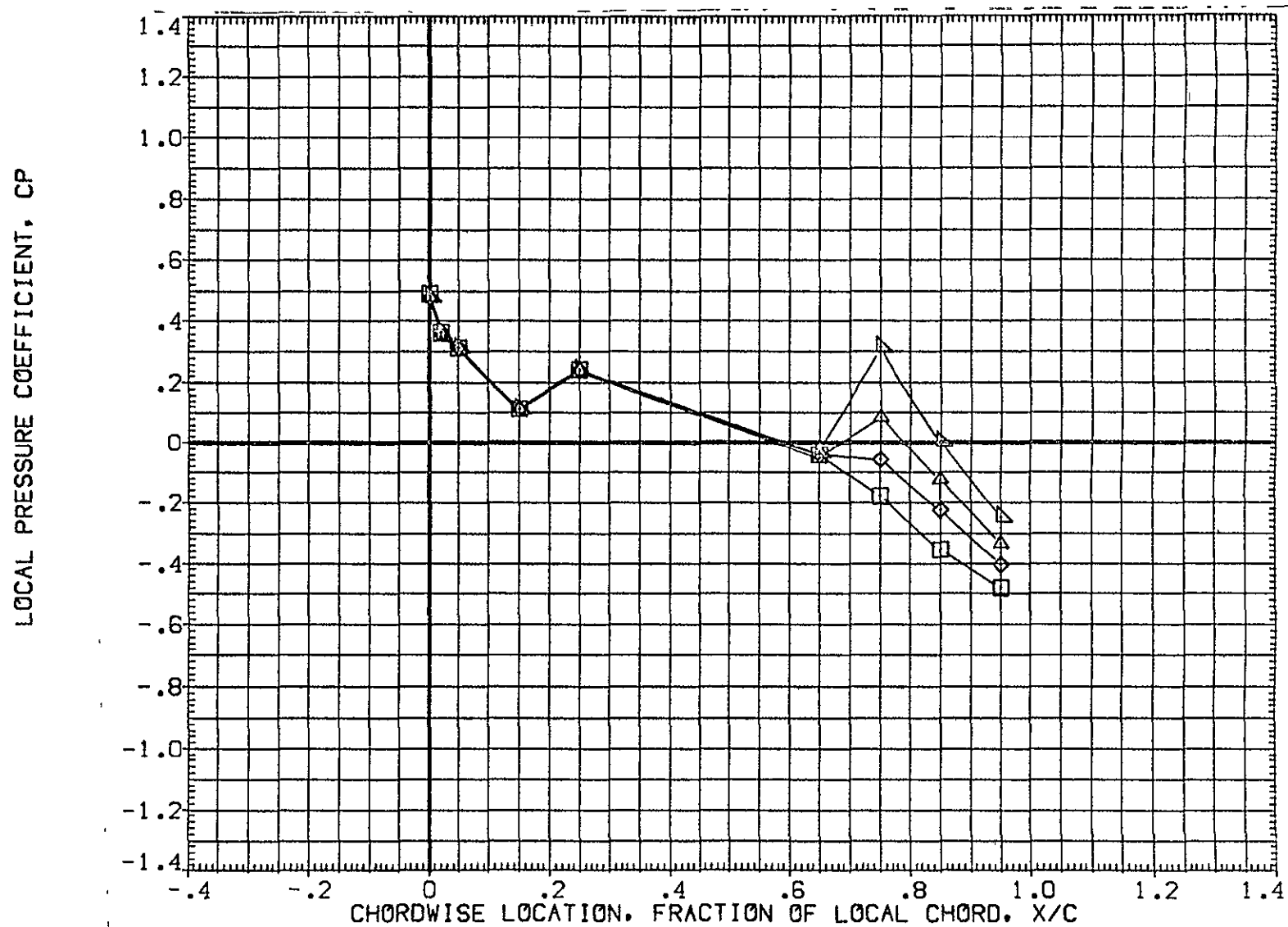


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	□ I A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L47}	○ I A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	◇ I A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	△ I A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	▽ I A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

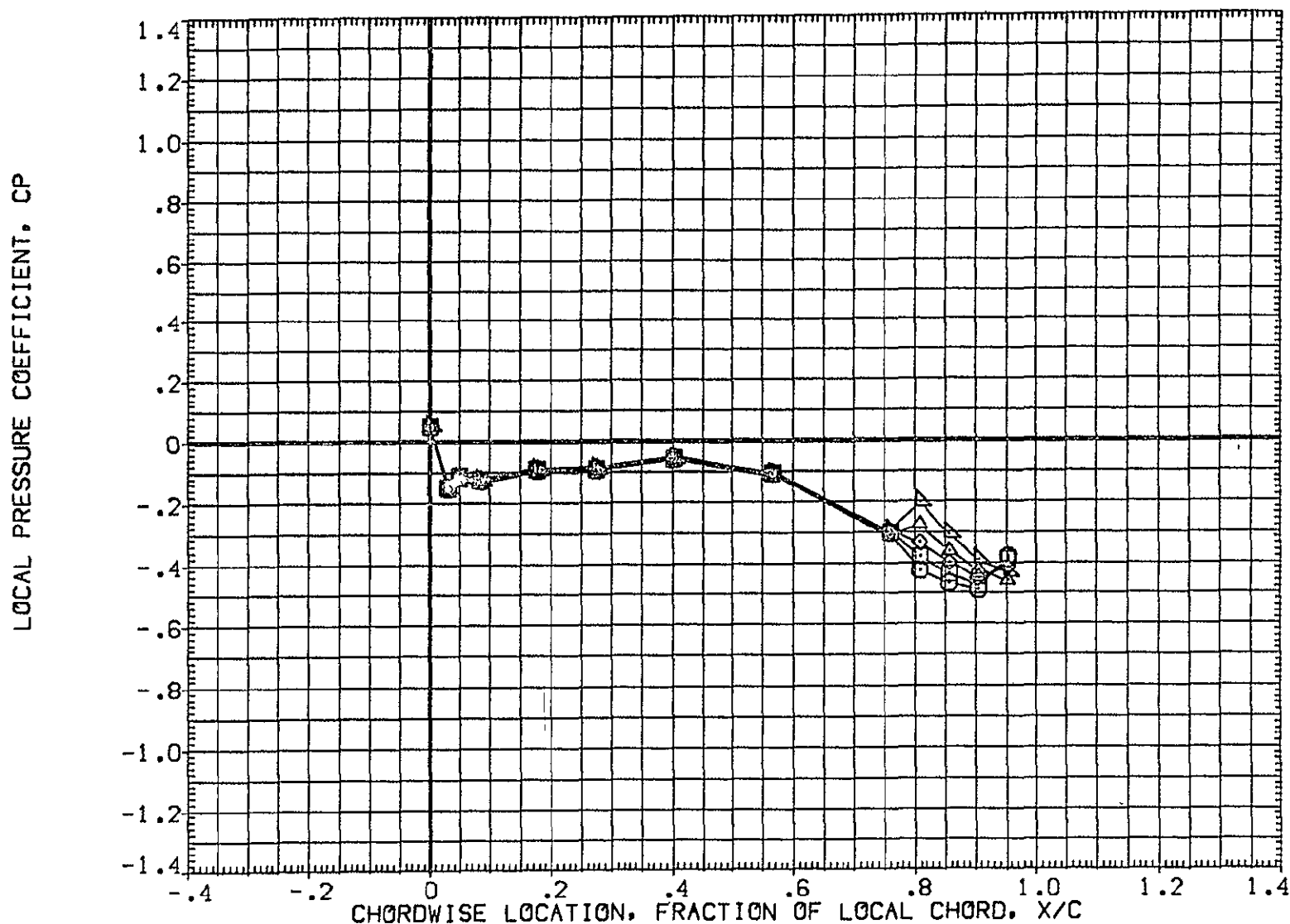


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -8.000 2Y/B = .436 PAGE 1187

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

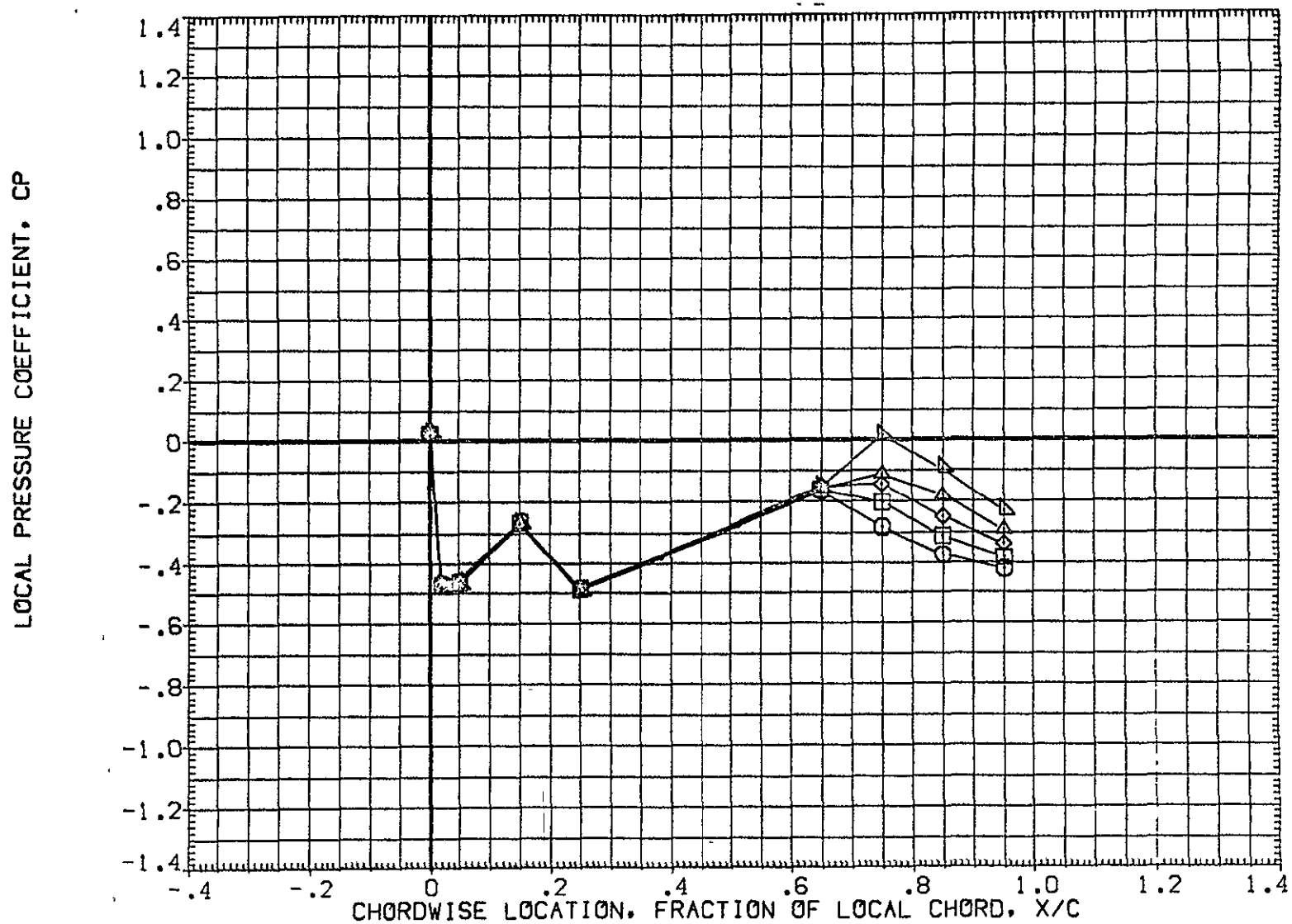


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -8.000 2Y/B = .771 PAGE 1188

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

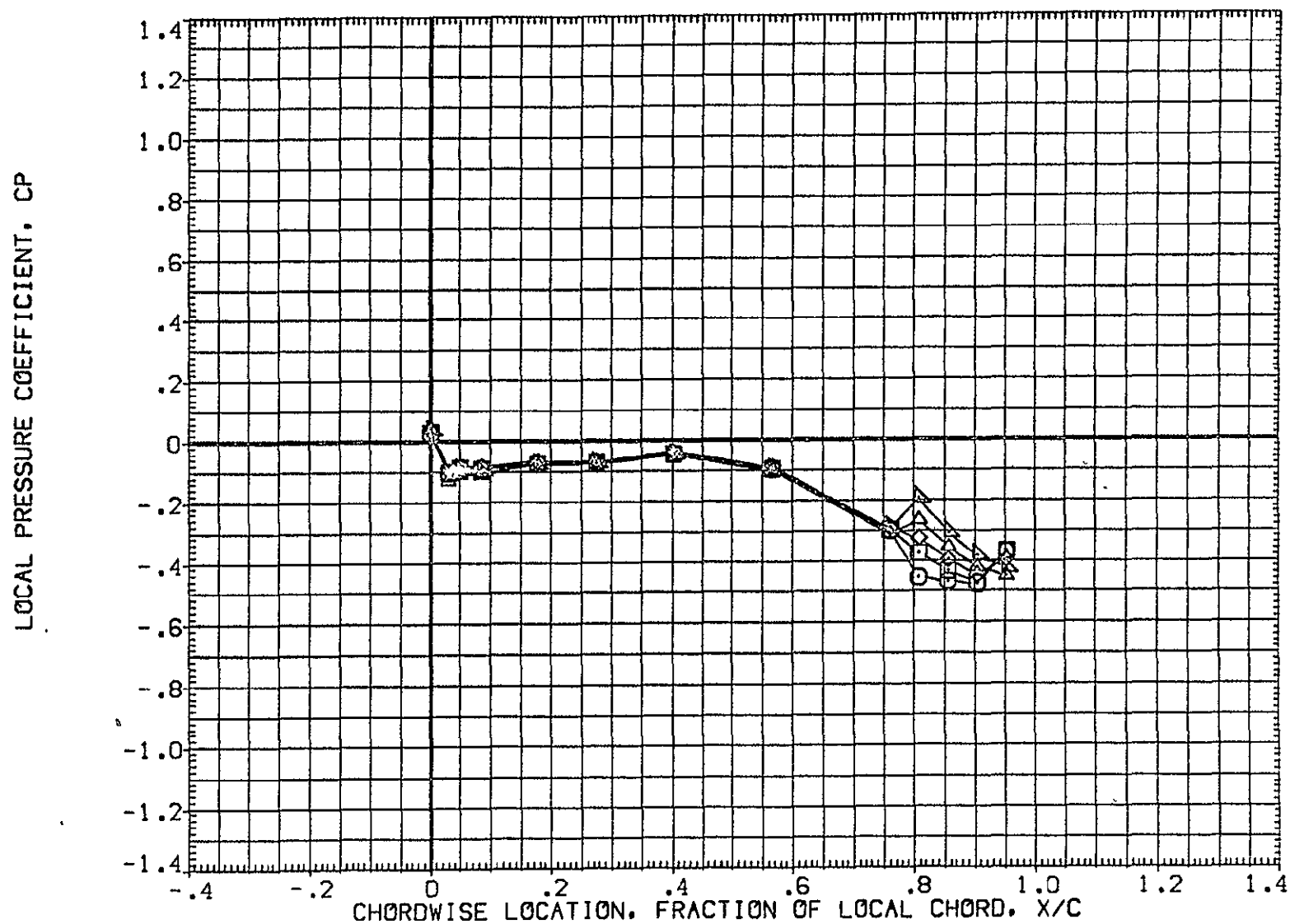


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -6.000 2Y/B = .436 PAGE 1189

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

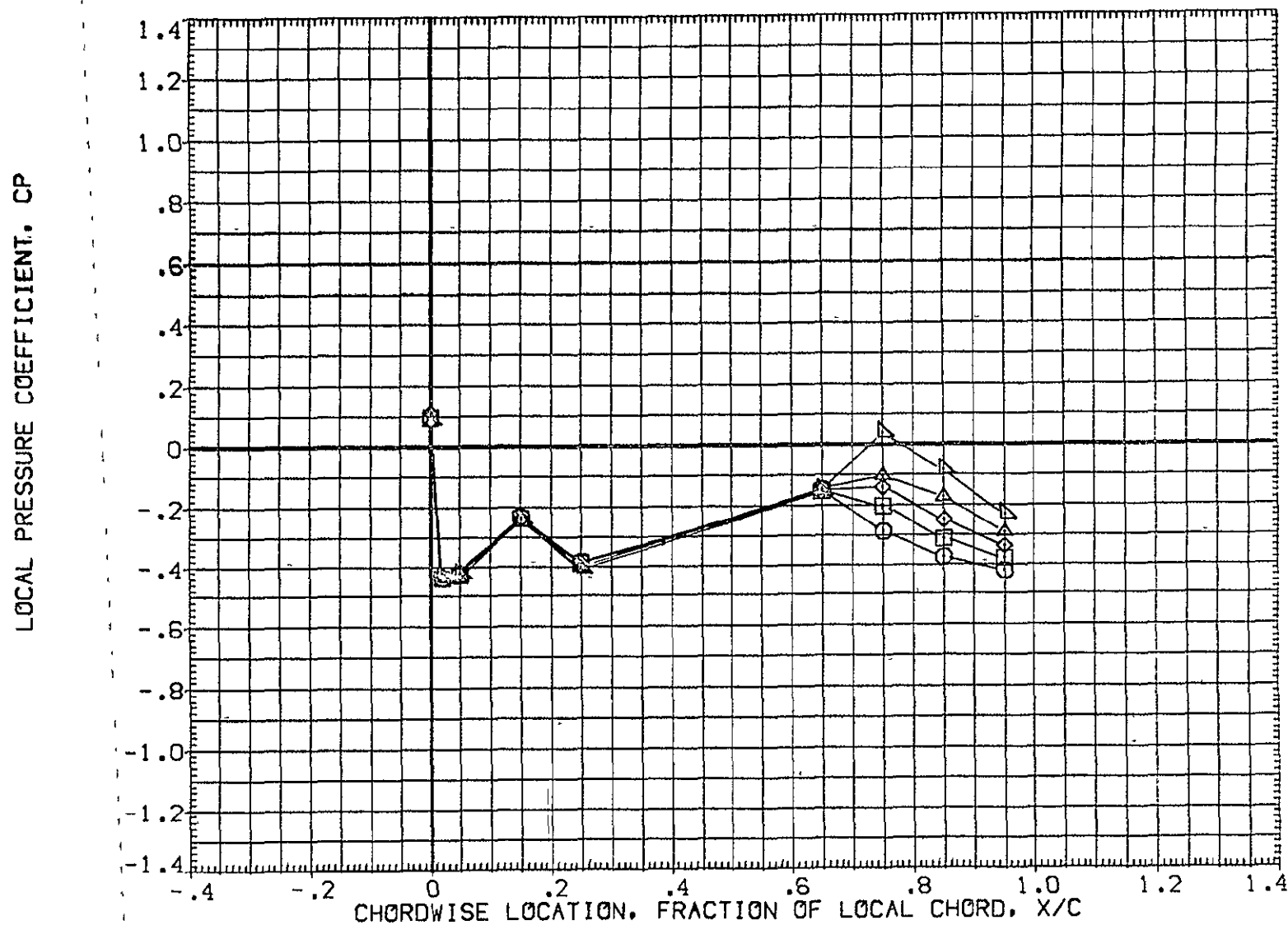


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	□ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L47]	◇ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	○ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	△ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	▽ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

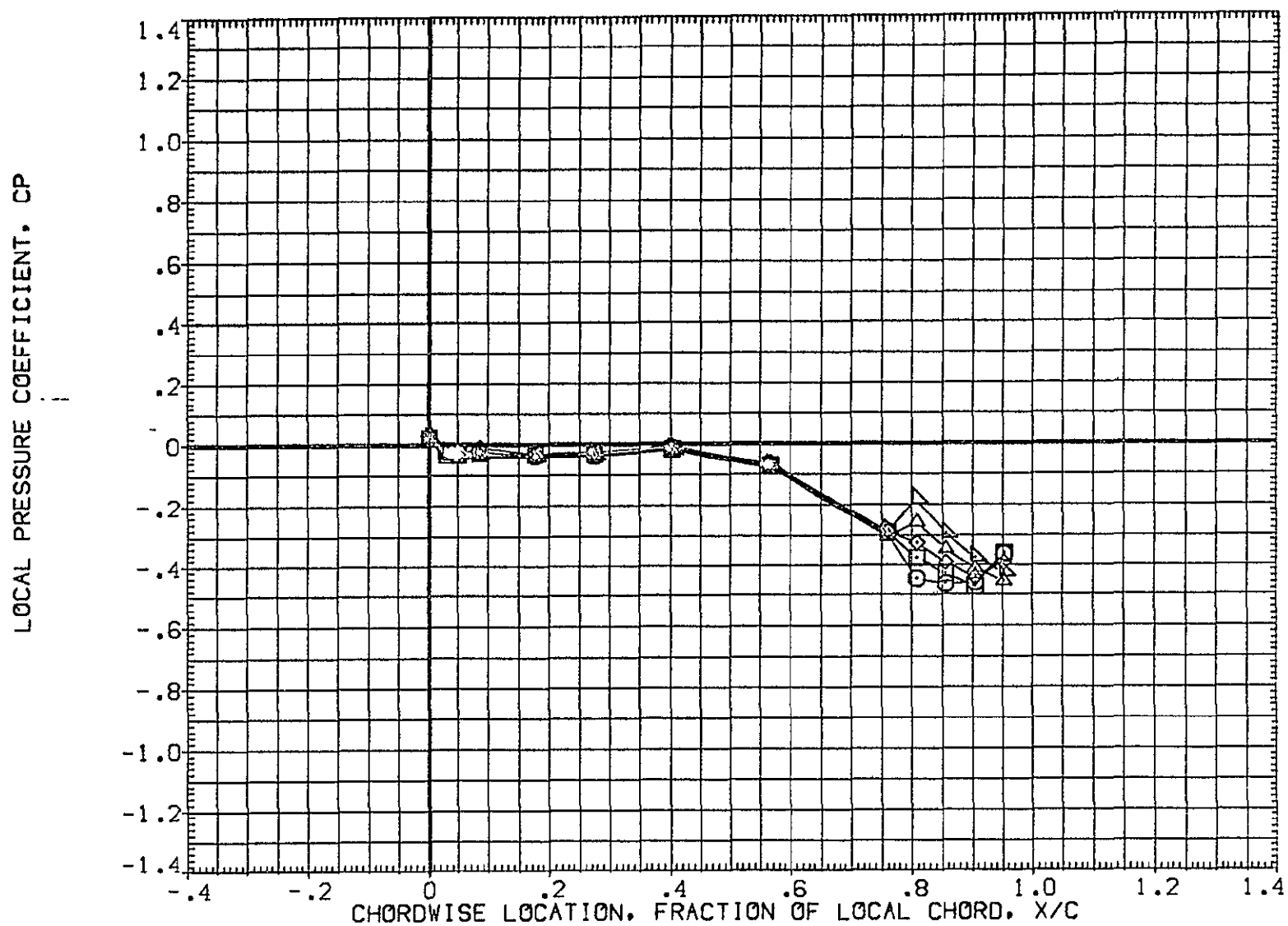


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -4.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L47]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

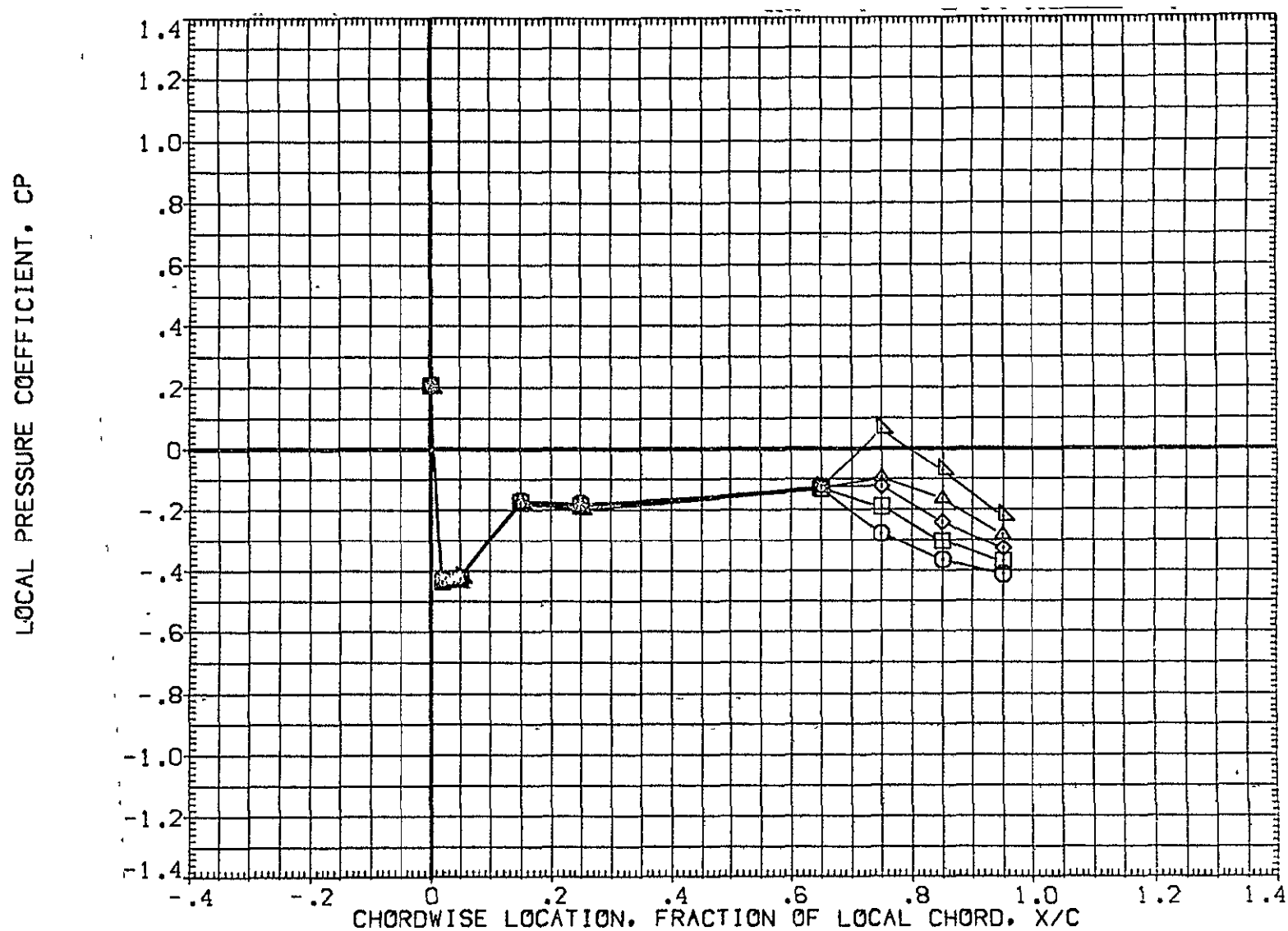


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

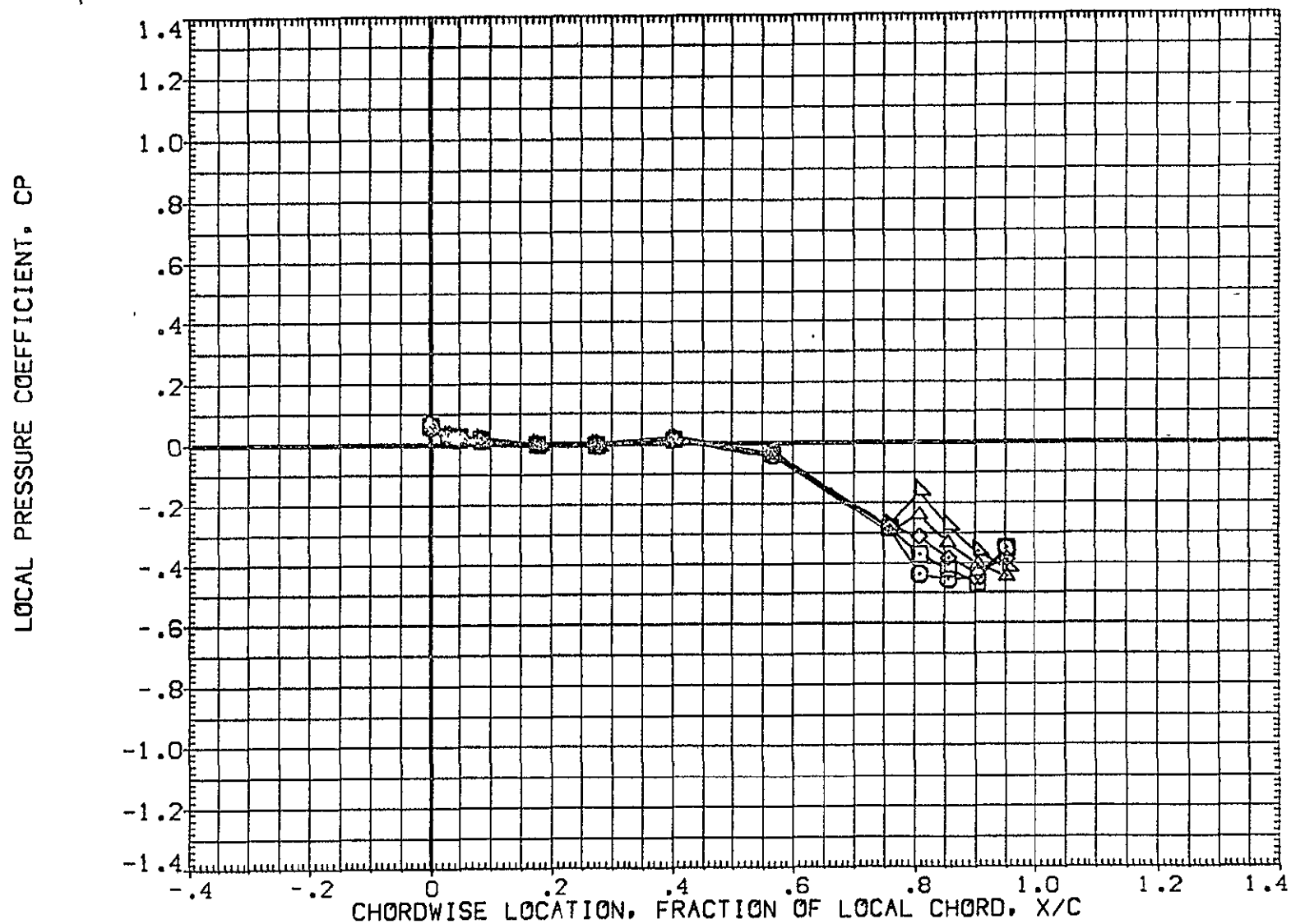


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

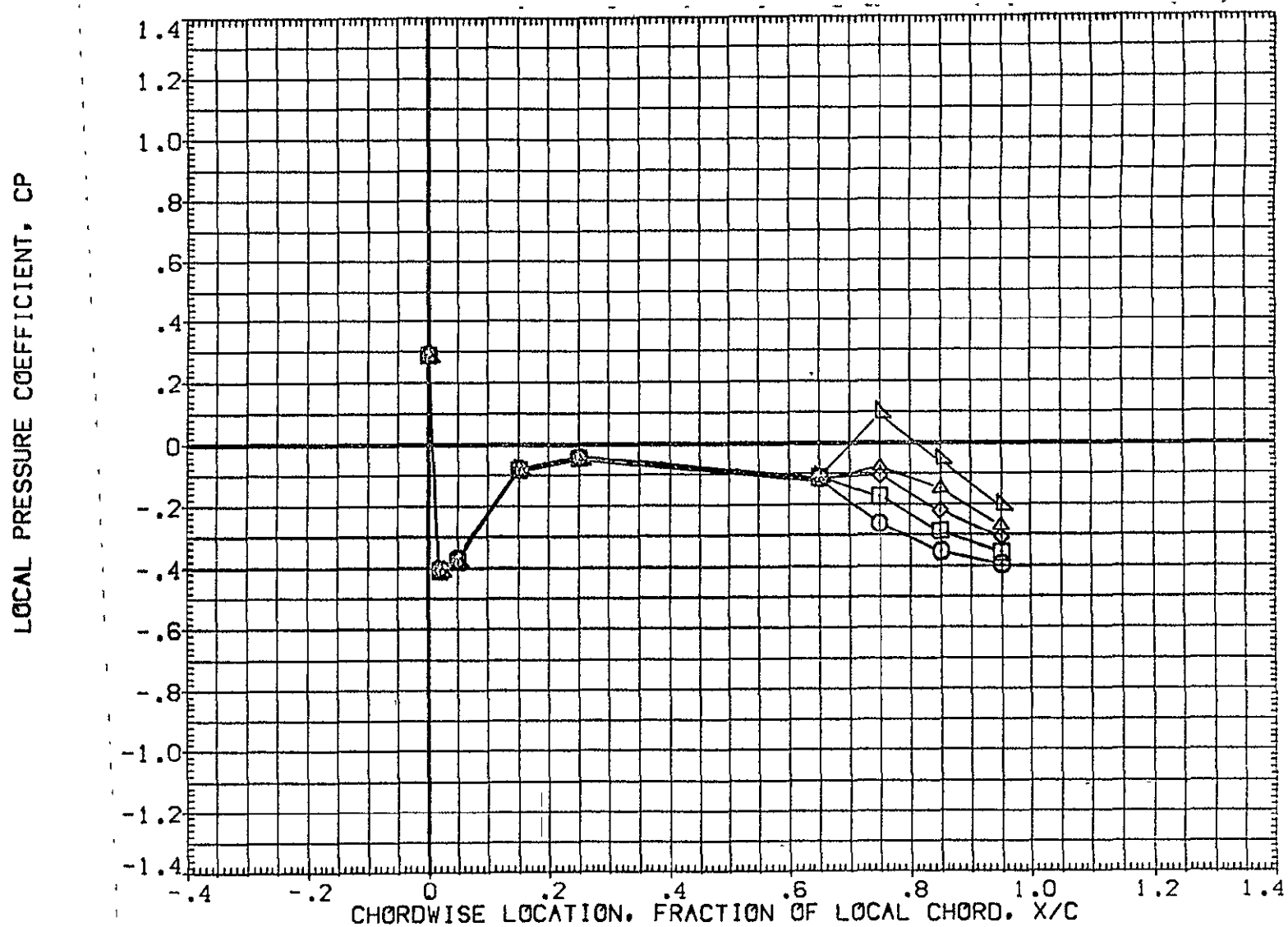


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -2.000 2Y/B = .771 PAGE 1194

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7LS2)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7LS7)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

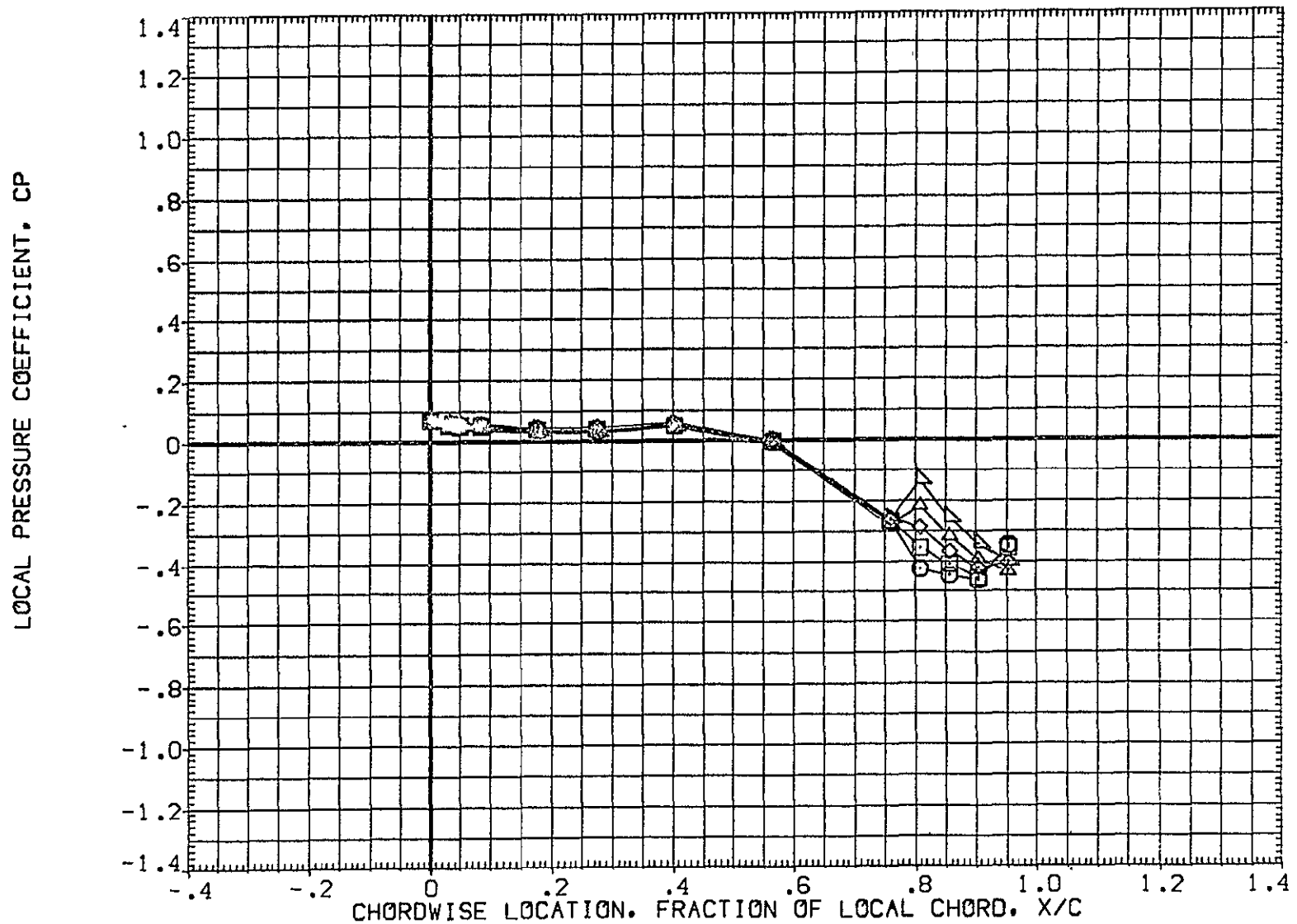


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	○	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L47]	◇	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	□	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	△	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	▽	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

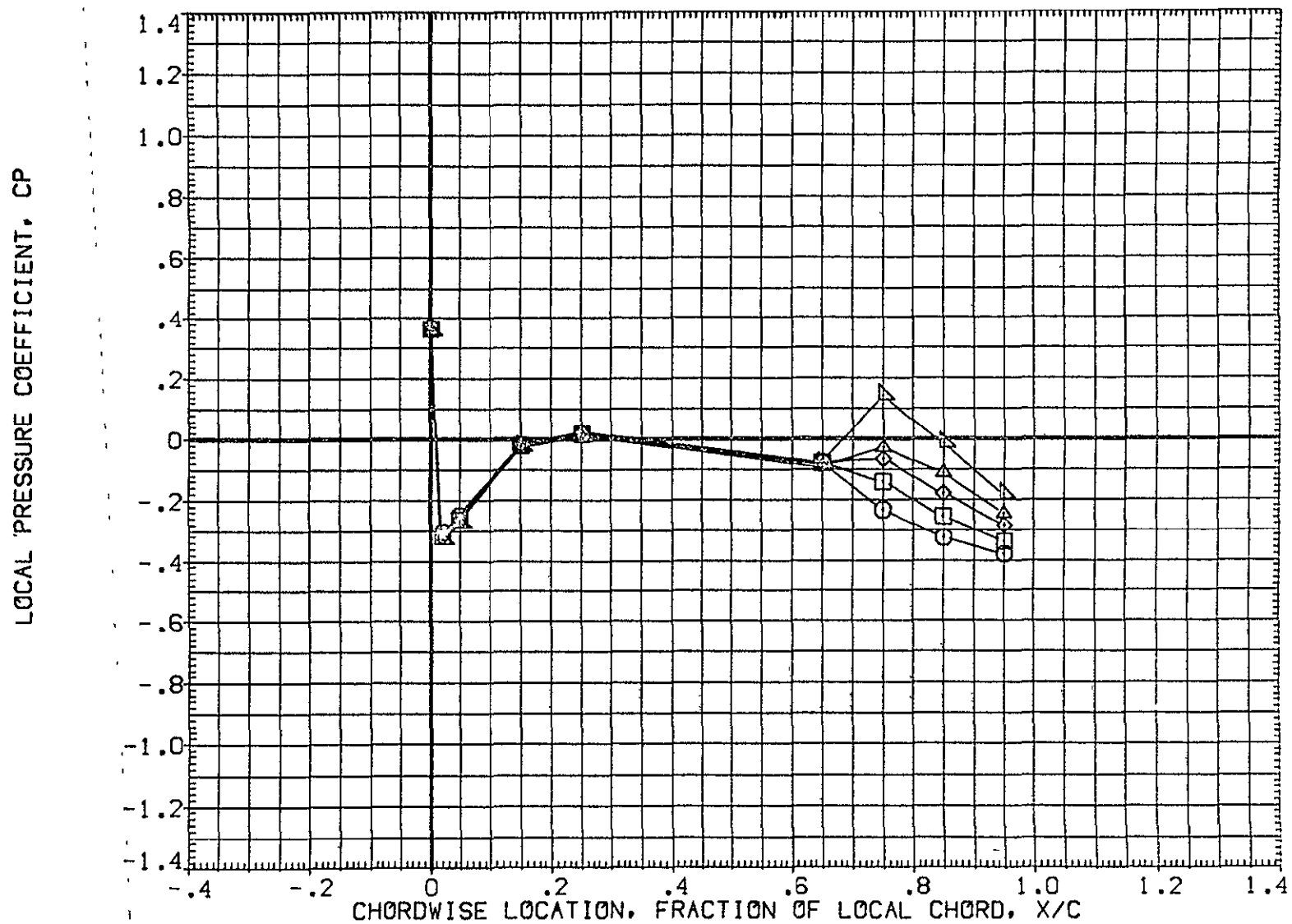


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

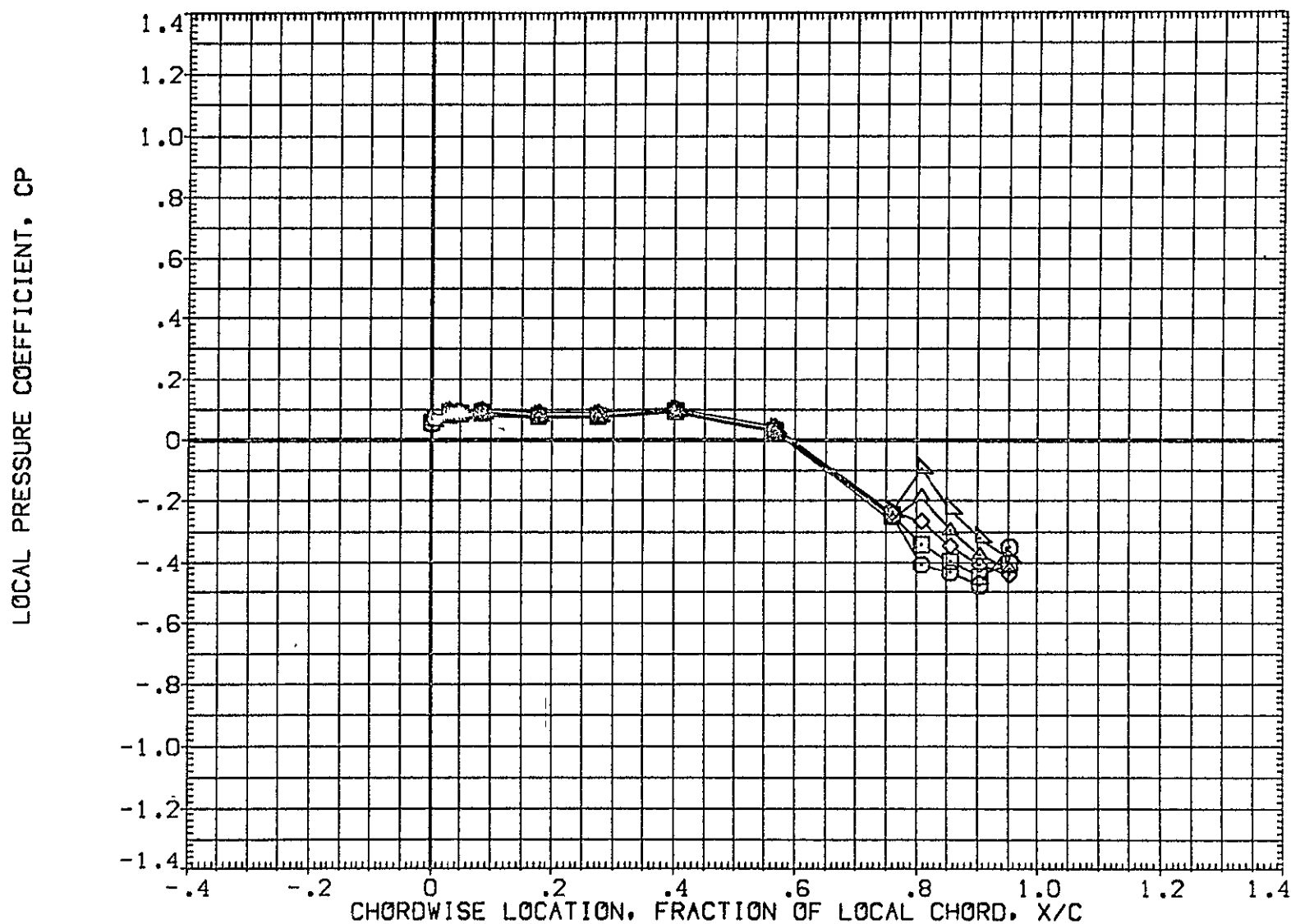







FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 2.000 2Y/B = .436 PAGE 1197

DATA SET SYMBOL	CONFIGURATION DESCRIPTION								ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)		1A70	01	T12	S1	P2	P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

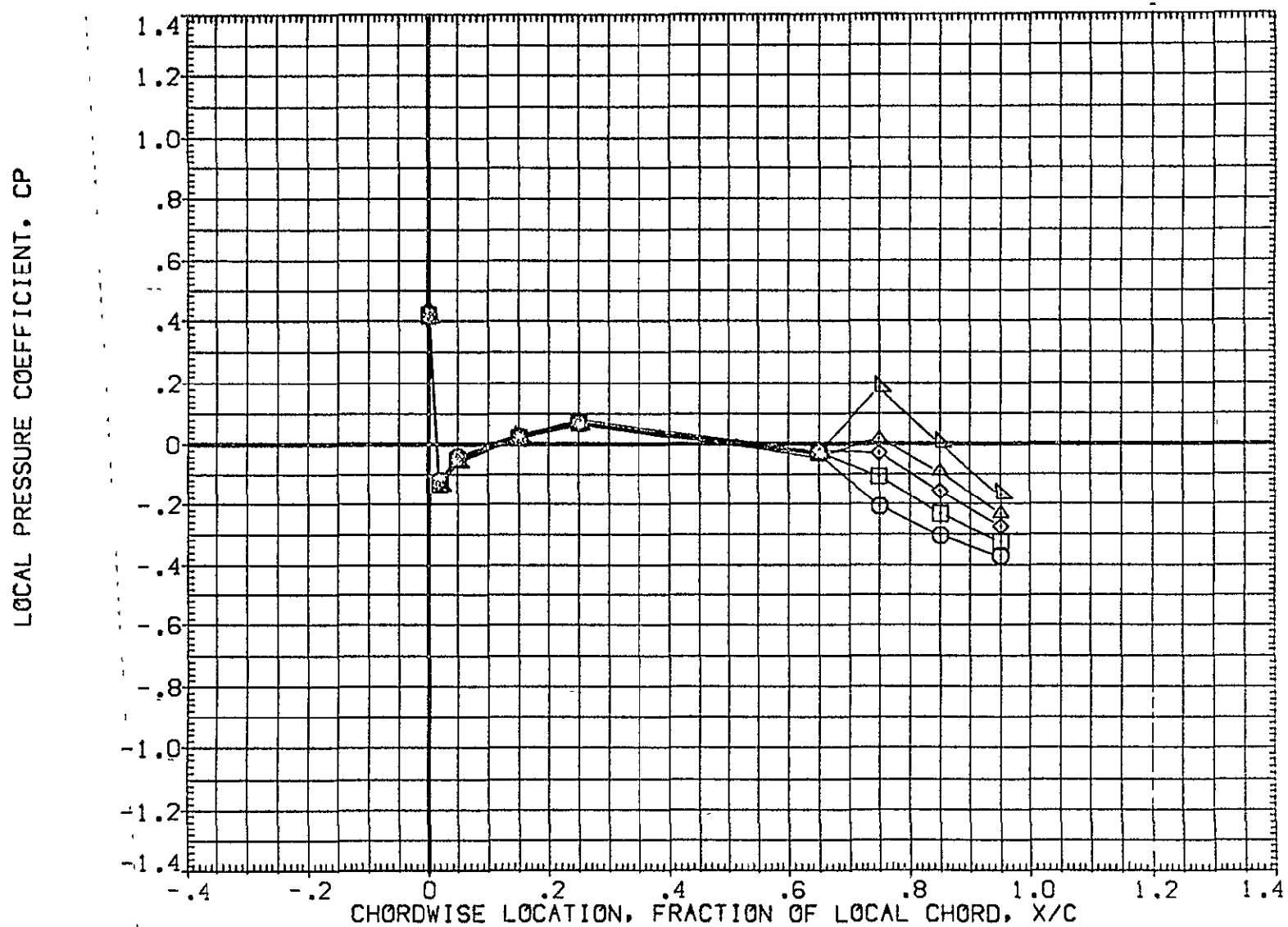


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L65}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L47}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

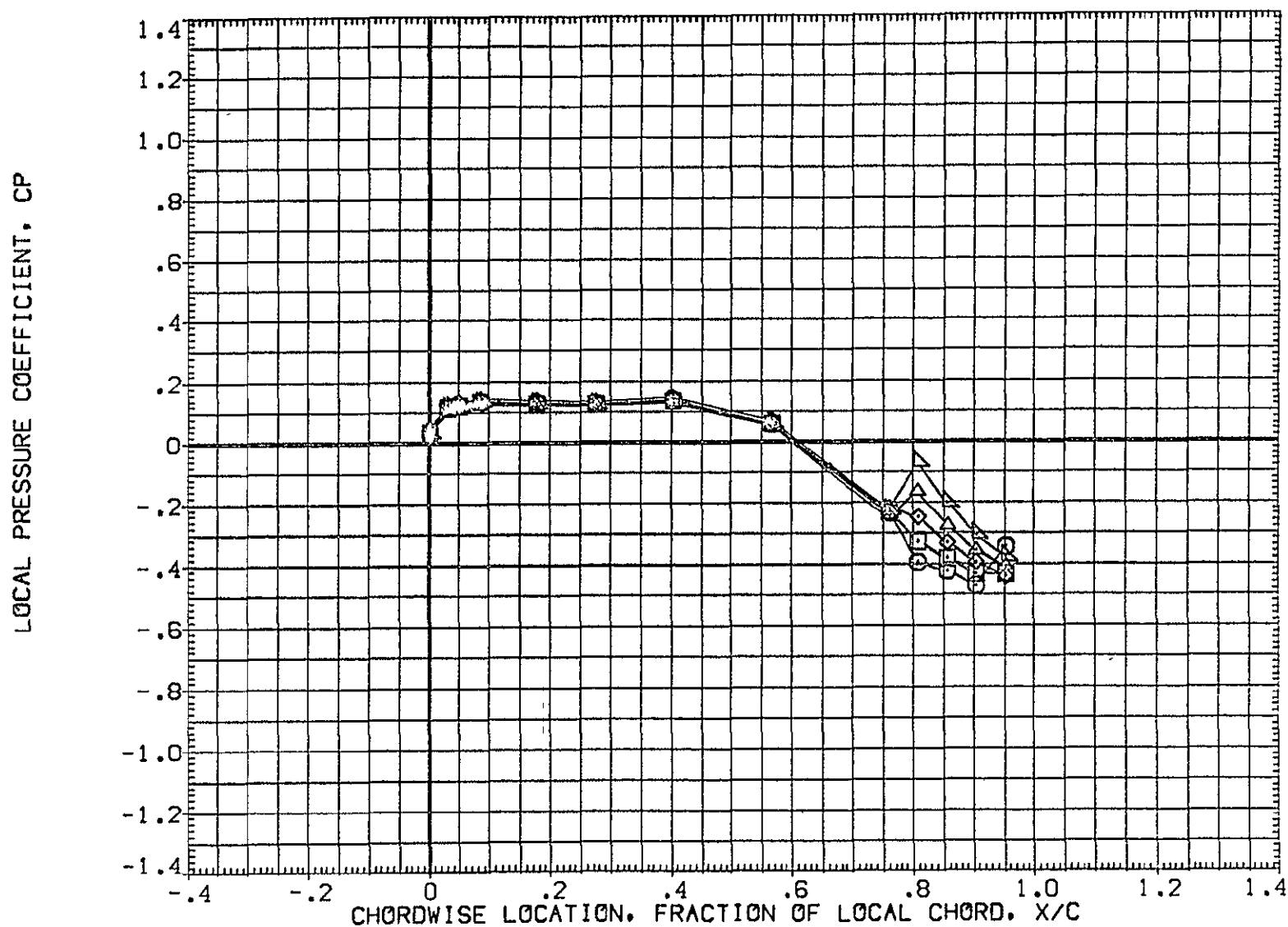


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L65]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
[AF7L47]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L52]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
[AF7L57]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L62]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

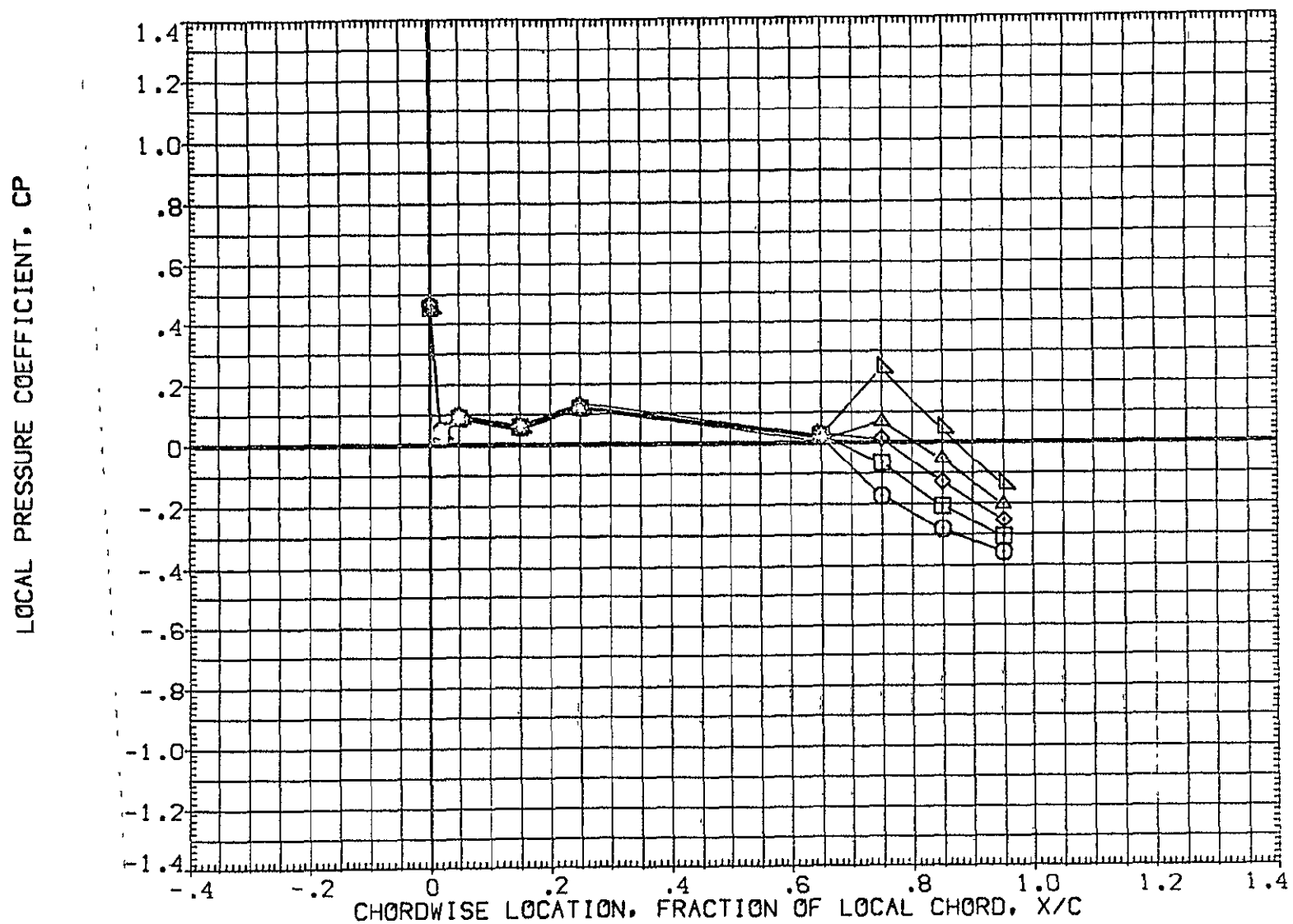


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION				DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4	
{AF7L65}	○	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
{AF7L47}	□	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	.000	.000	.000	.000
{AF7L52}	◇	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	4.000	4.000	4.000	4.000
{AF7L57}	△	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L62}	▽	1A70	01	T12	S1	P2 P8	WING LOWER SURFACE	8.000	12.000	12.000	12.000

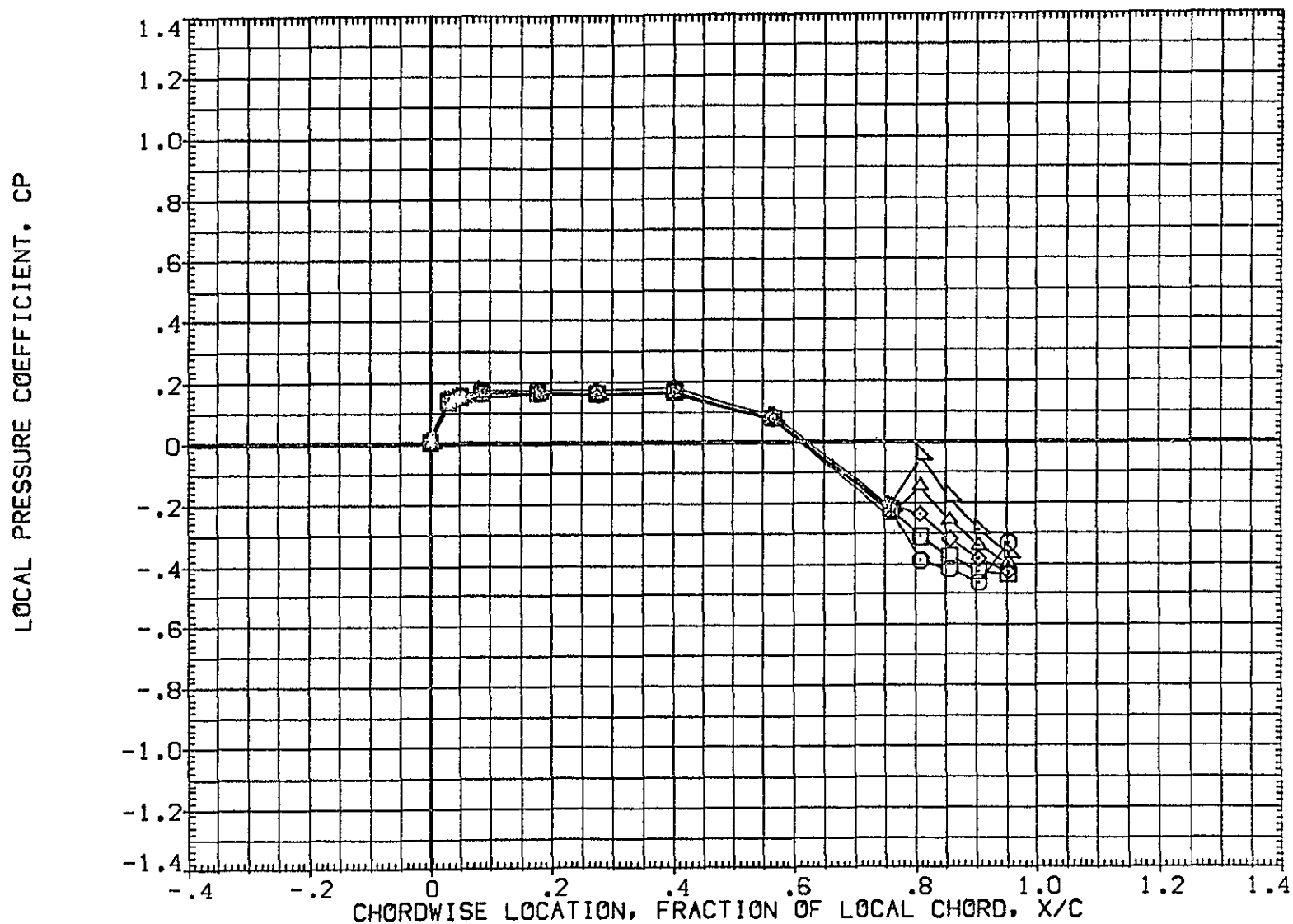


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

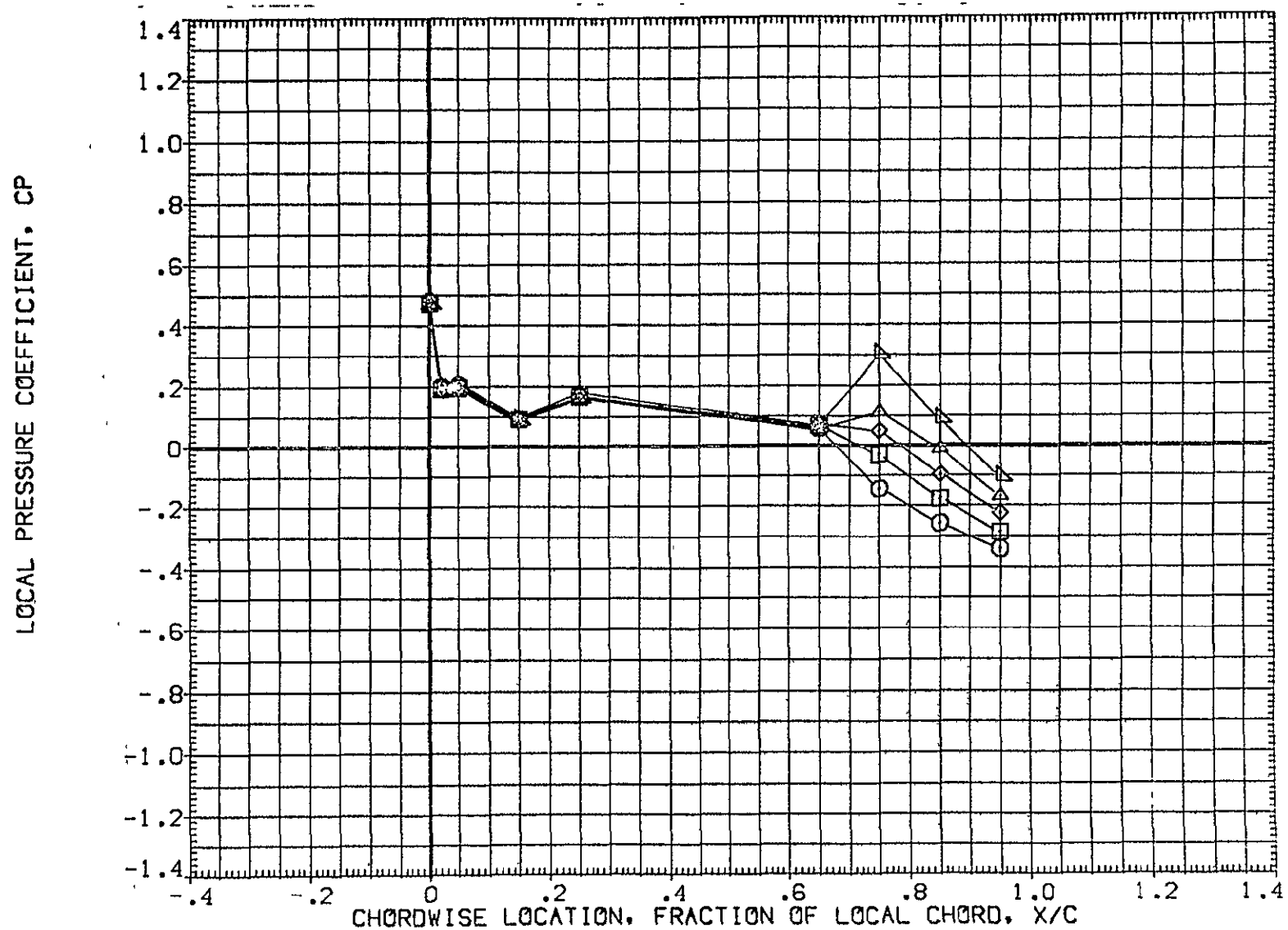


FIG. 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 6.000 2Y/B = .771 PAGE 1202

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

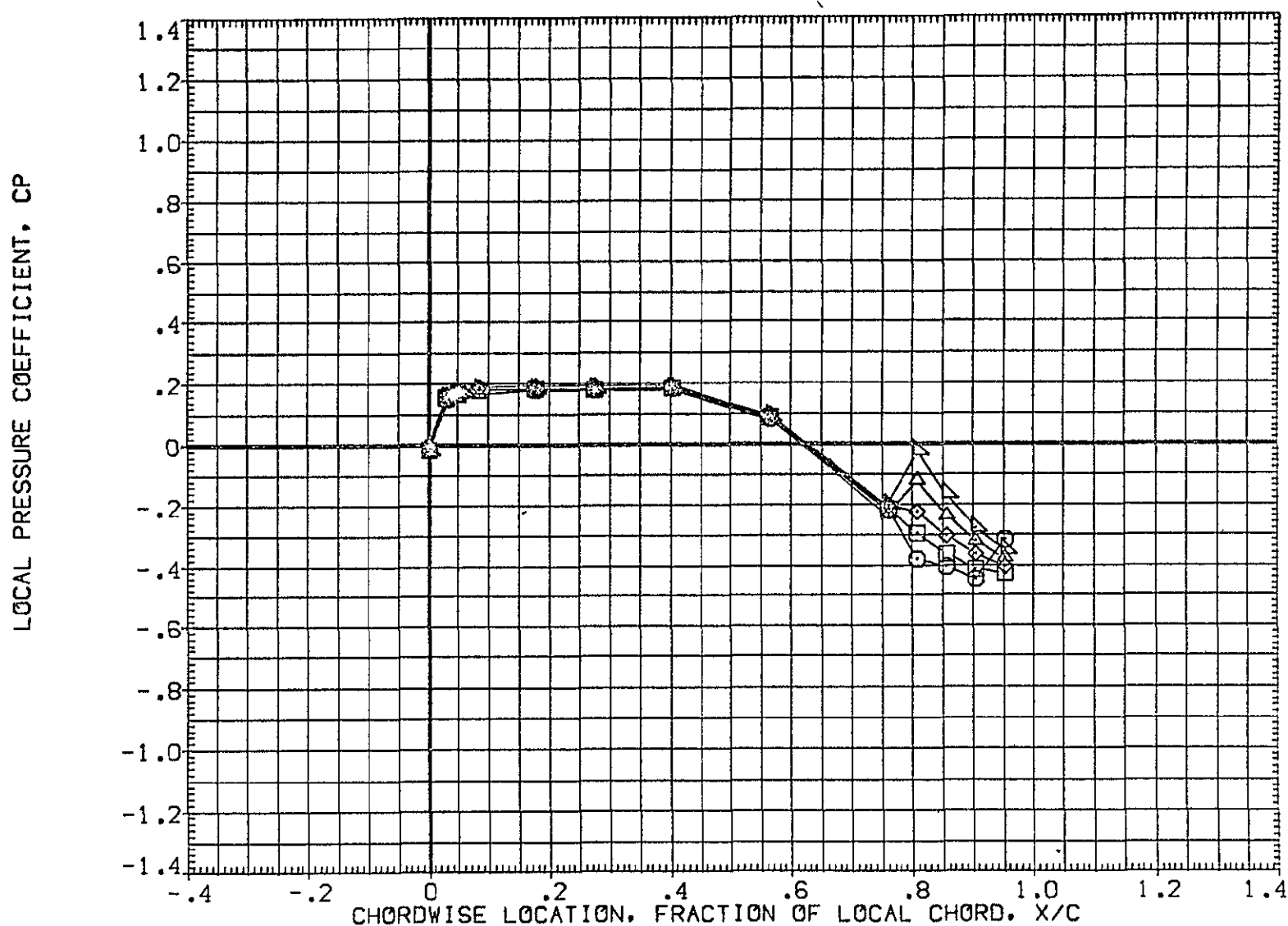


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 8.000 2Y/B = .436 PAGE 1203

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L65)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	-4.000	.000	-4.000	-4.000
(AF7L47)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L52)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	4.000	4.000	4.000	4.000
(AF7L57)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L62)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	12.000	12.000	12.000

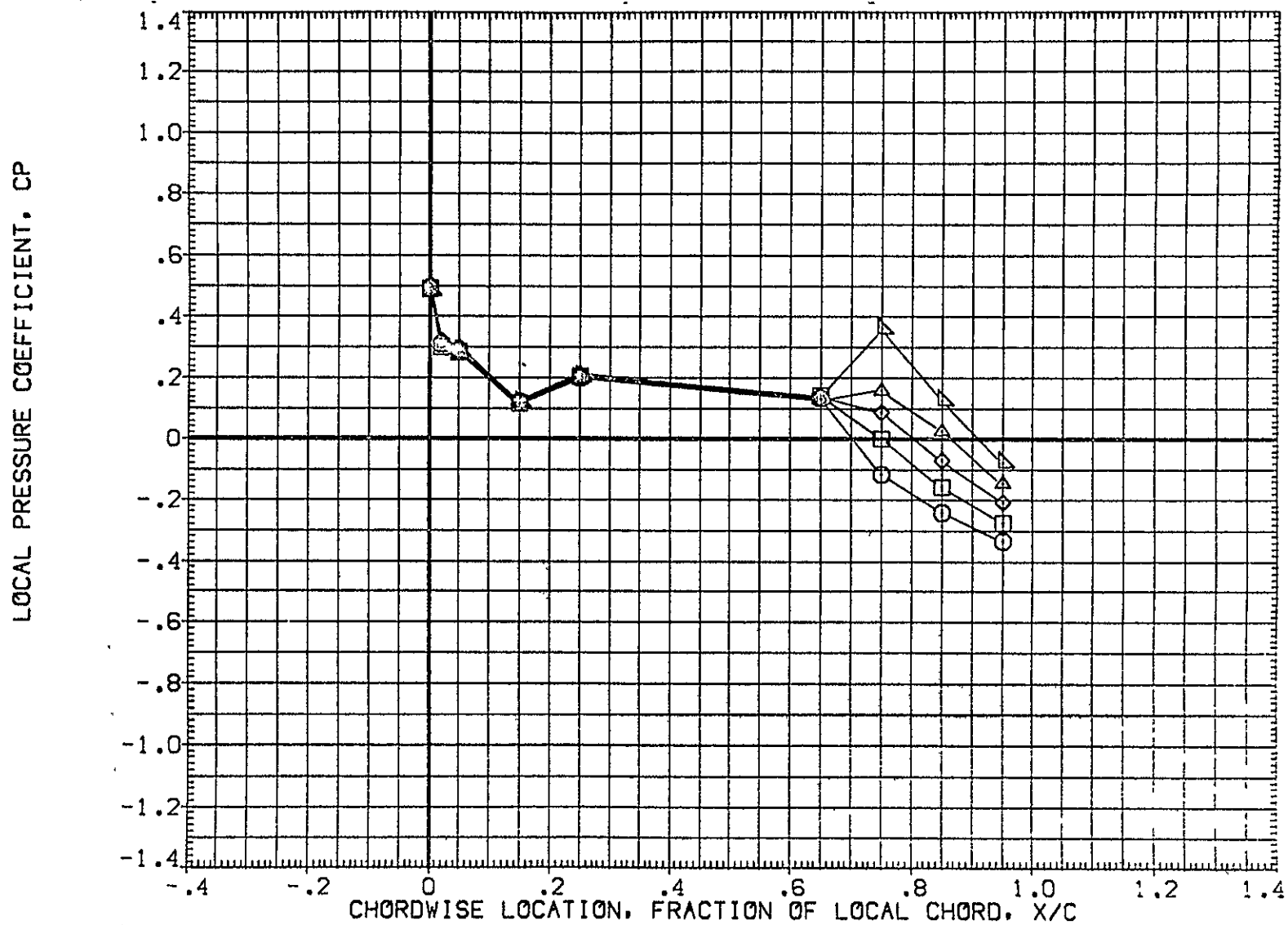


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

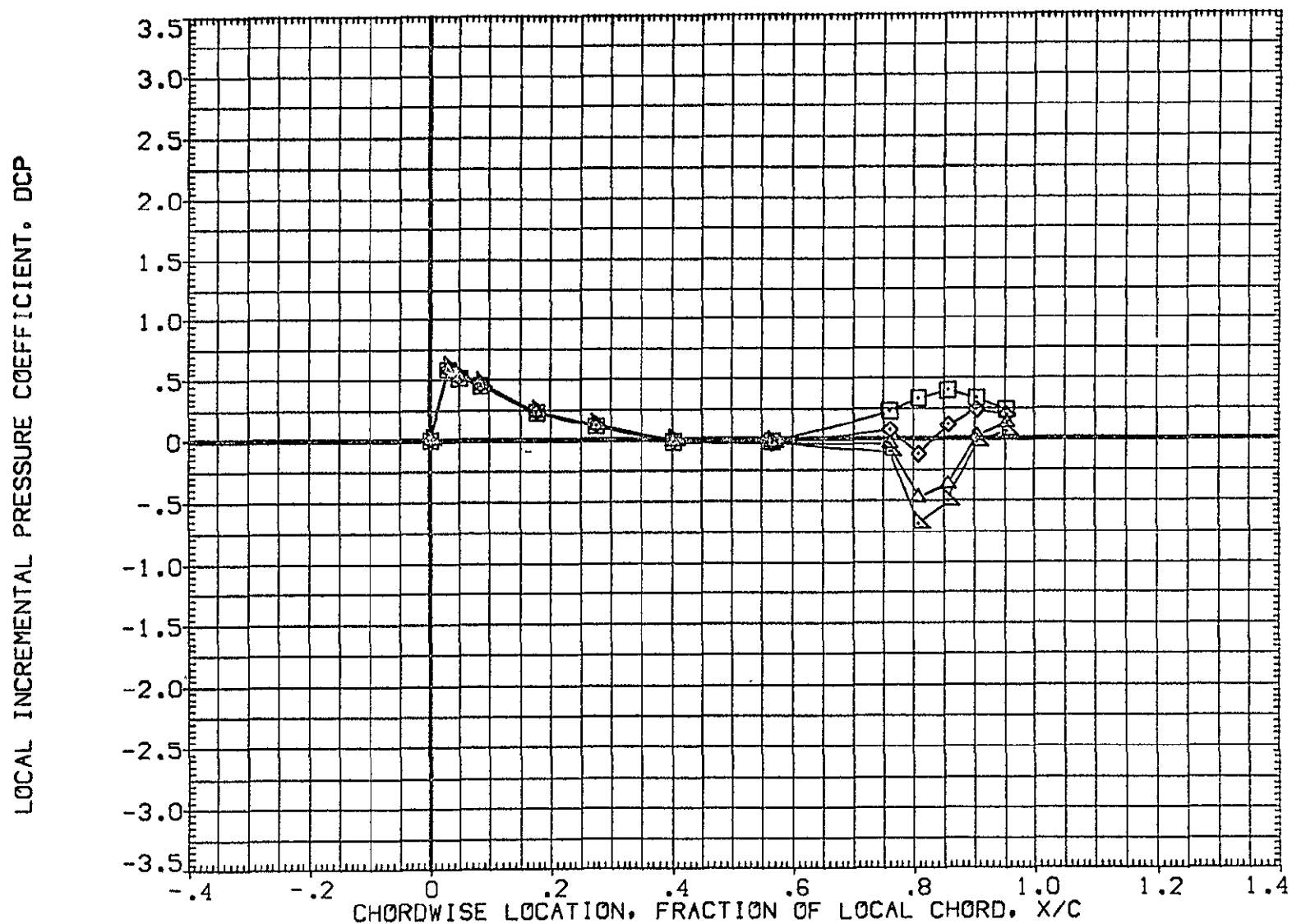


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -8.000 2Y/B = .436 PAGE 1205

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7065 }	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{ AF7047 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{ AF7052 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{ AF7057 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{ AF7062 }	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

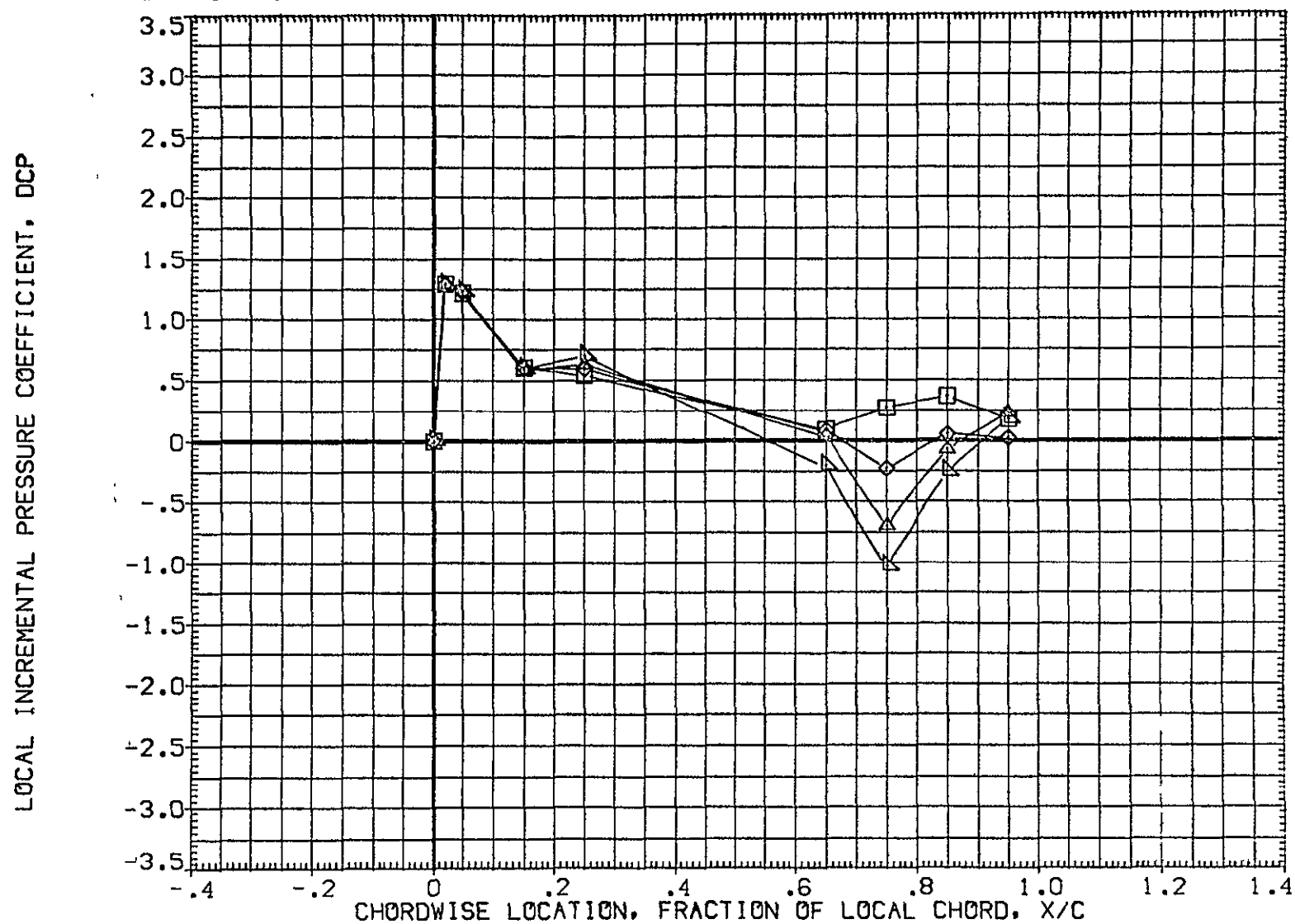


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -8.000 2Y/B = .771 PAGE 1206

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7085}		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

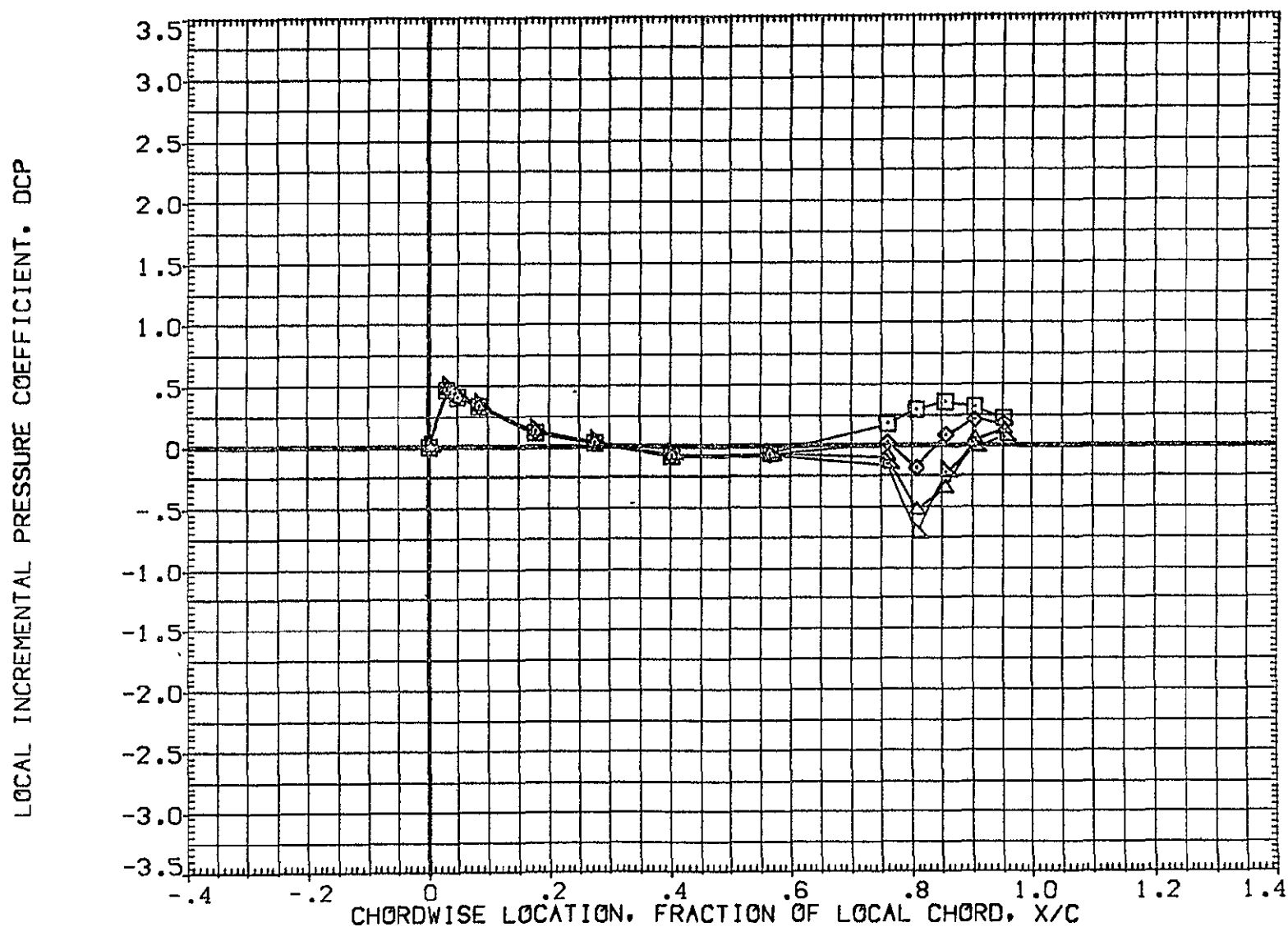


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -6.000 2Y/B = .436 PAGE 1207



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

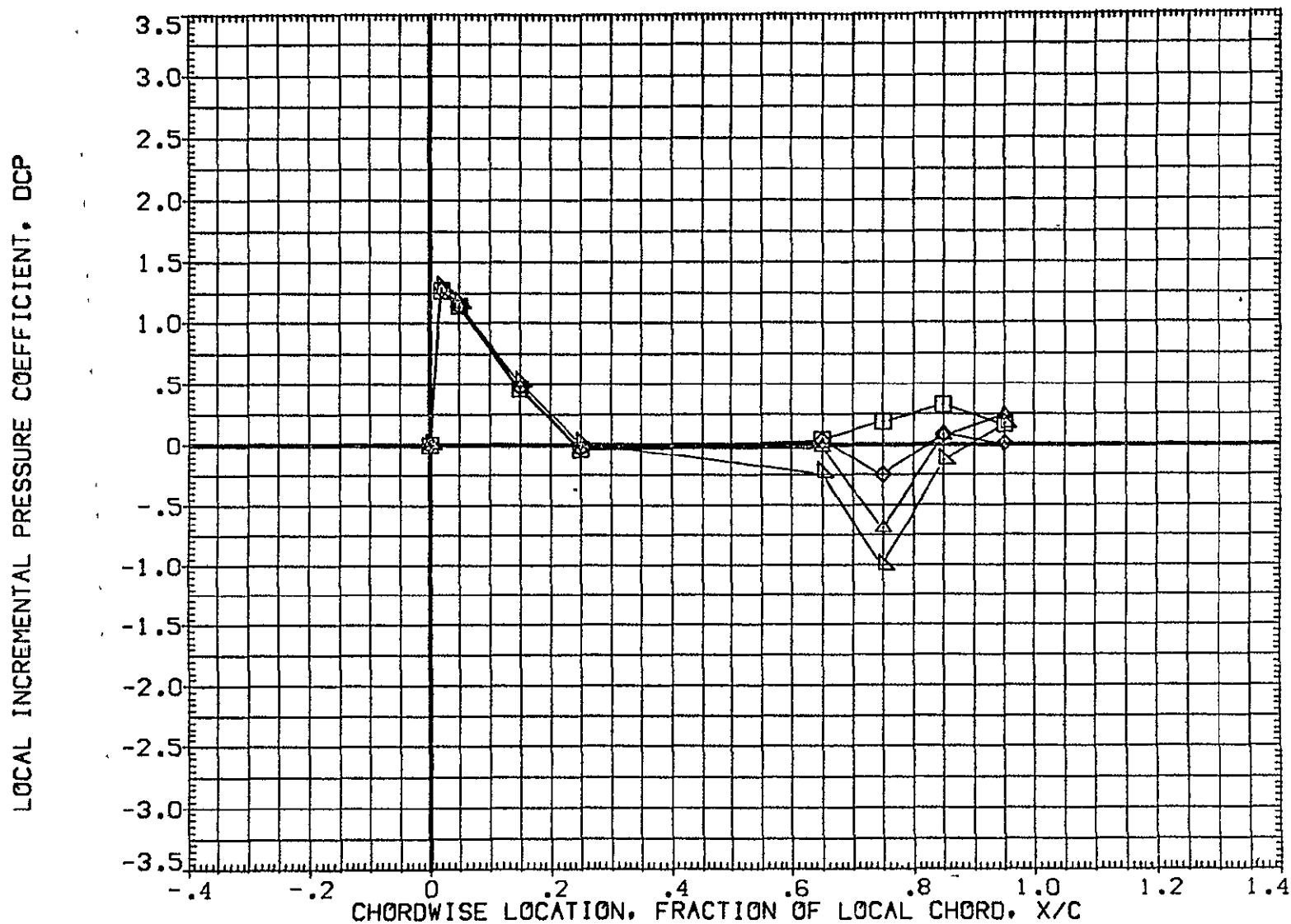


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

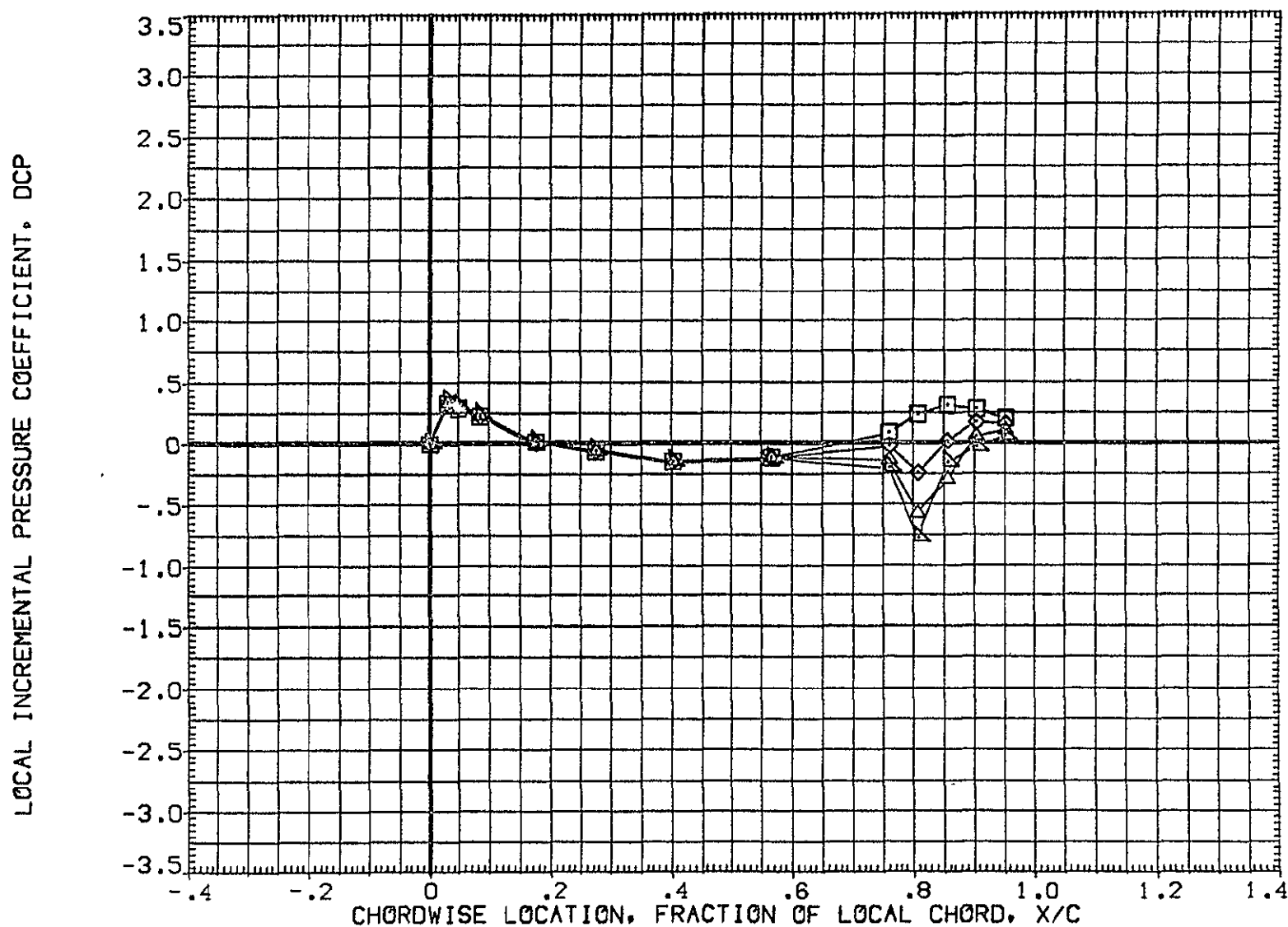


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -4.000 2Y/B = .436 PAGE 1209

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

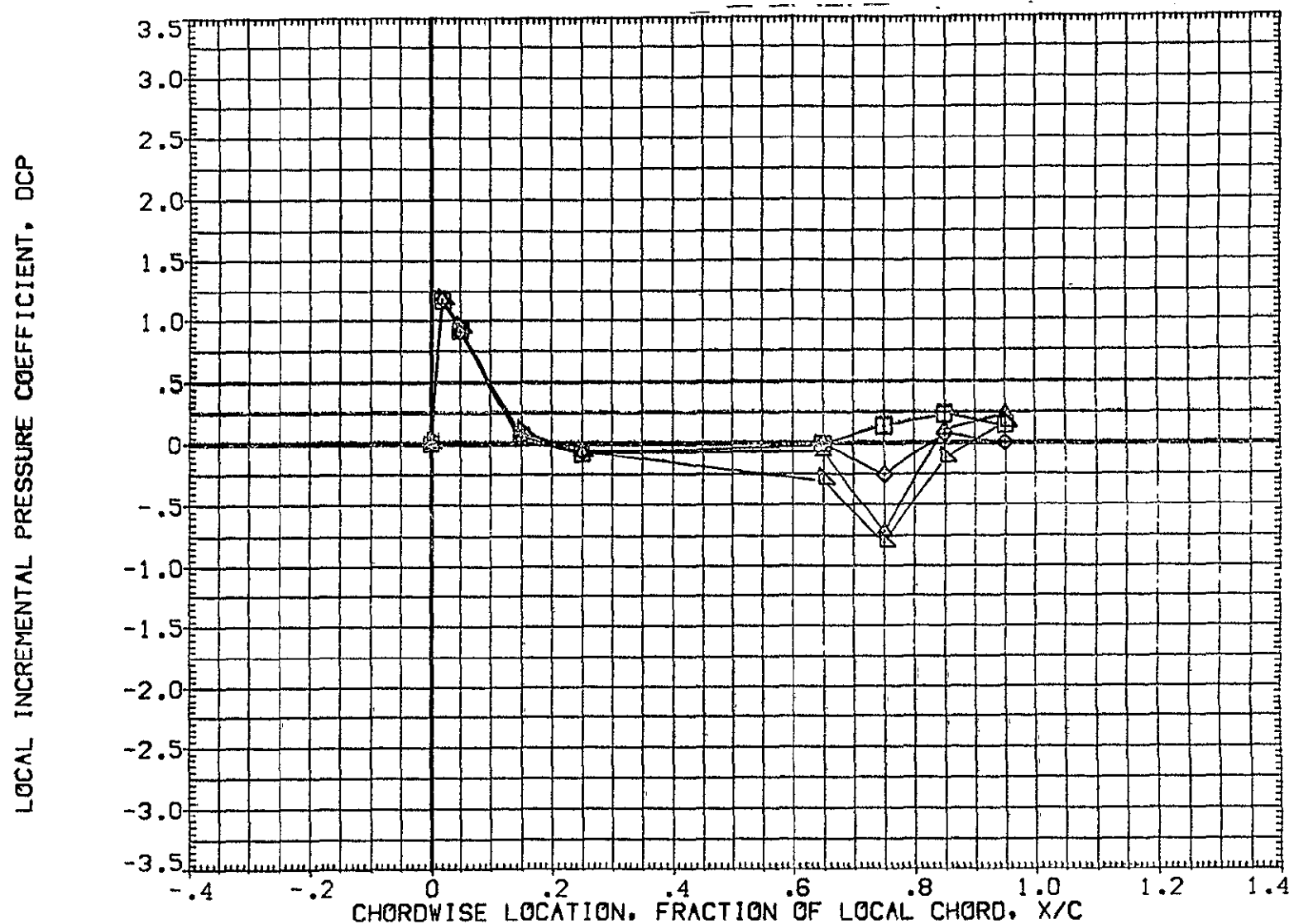


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -4.000 2Y/B = .771 PAGE 1210

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7065 }	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{ AF7047 }	IA70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	.000	.000	.000	.000
{ AF7052 }	IA70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{ AF7057 }	IA70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{ AF7062 }	IA70 01 T12 S1 P2 P8 VING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

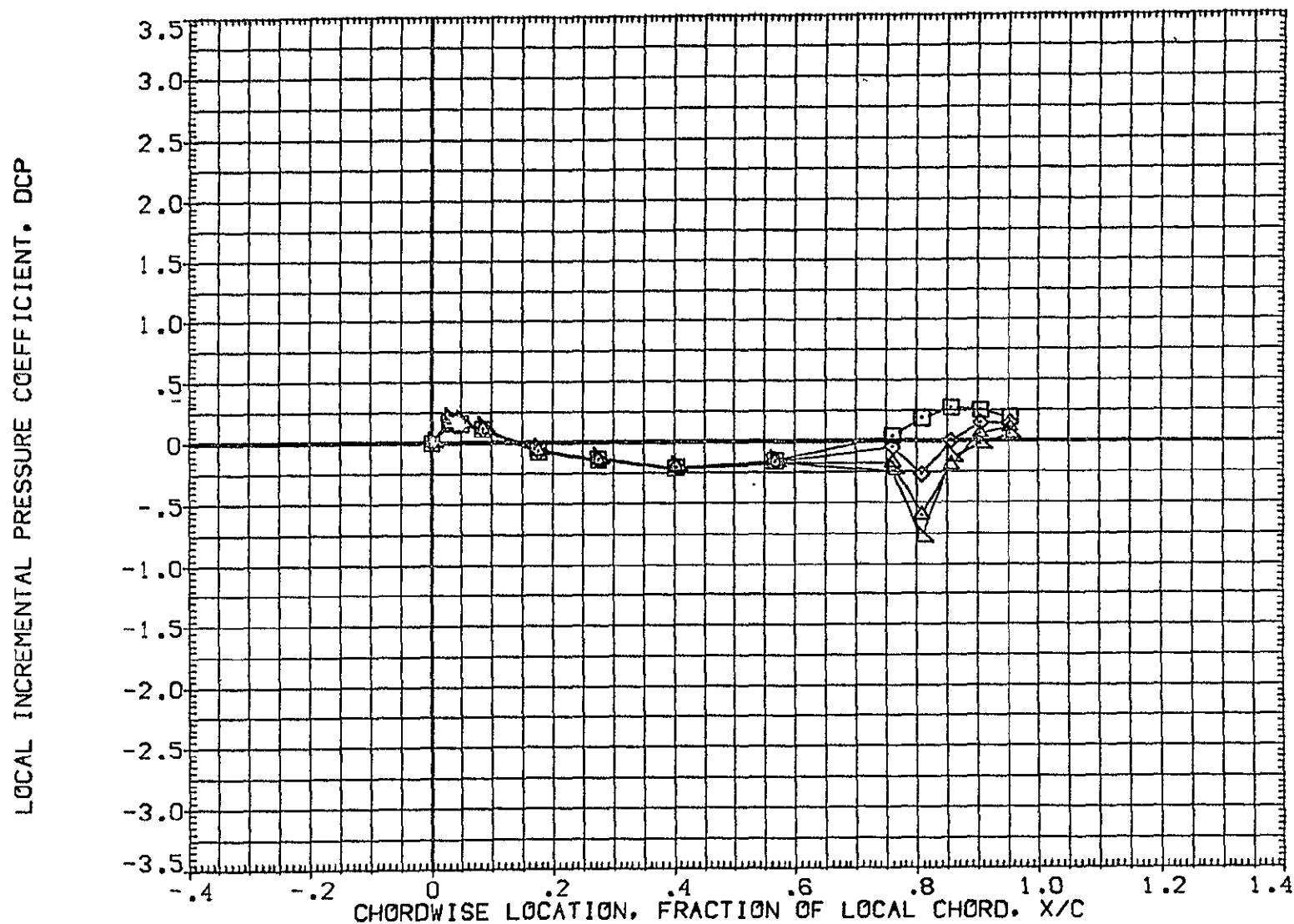


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

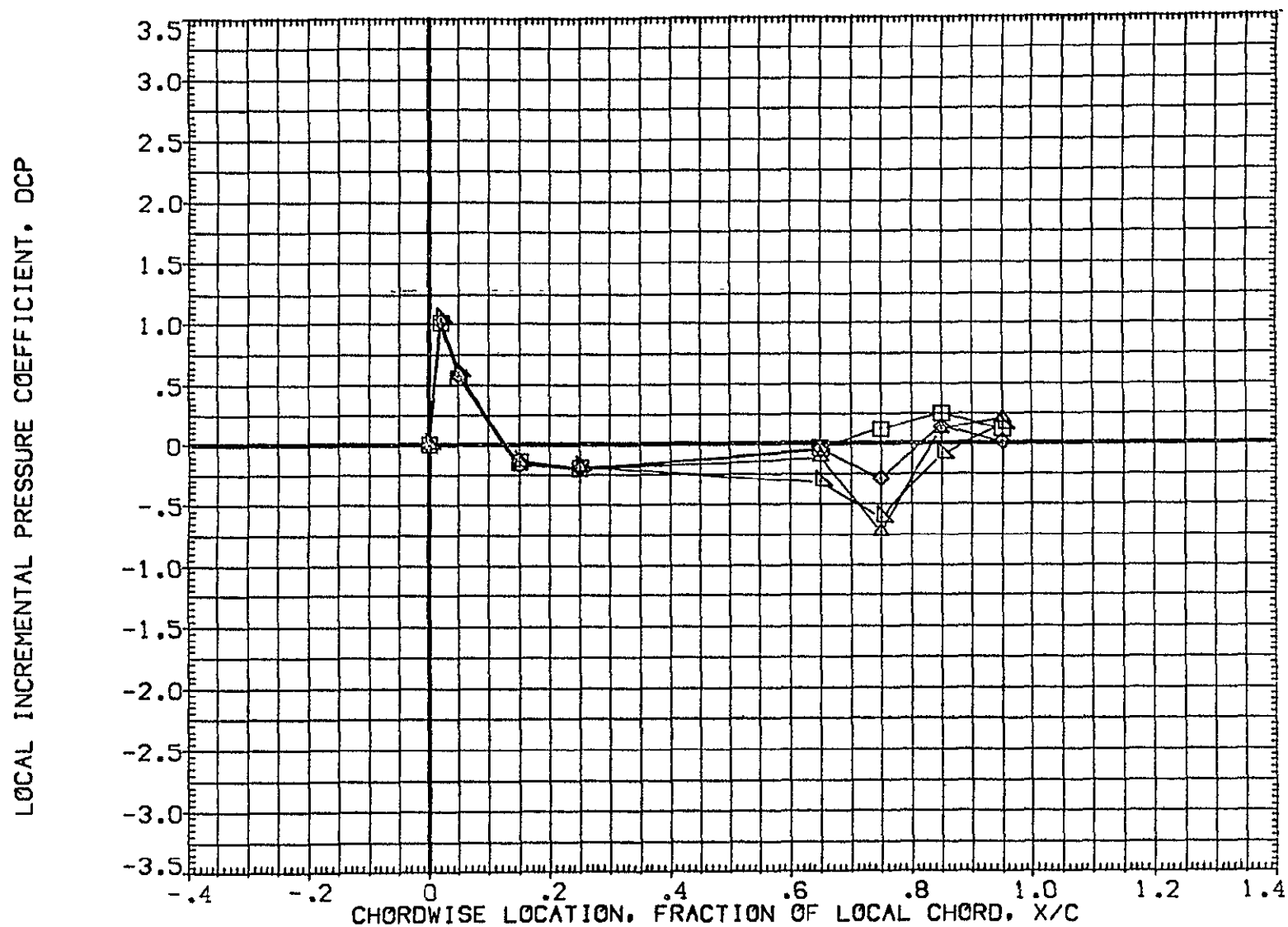


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = -2.000 2Y/B = .771 PAGE 1212

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

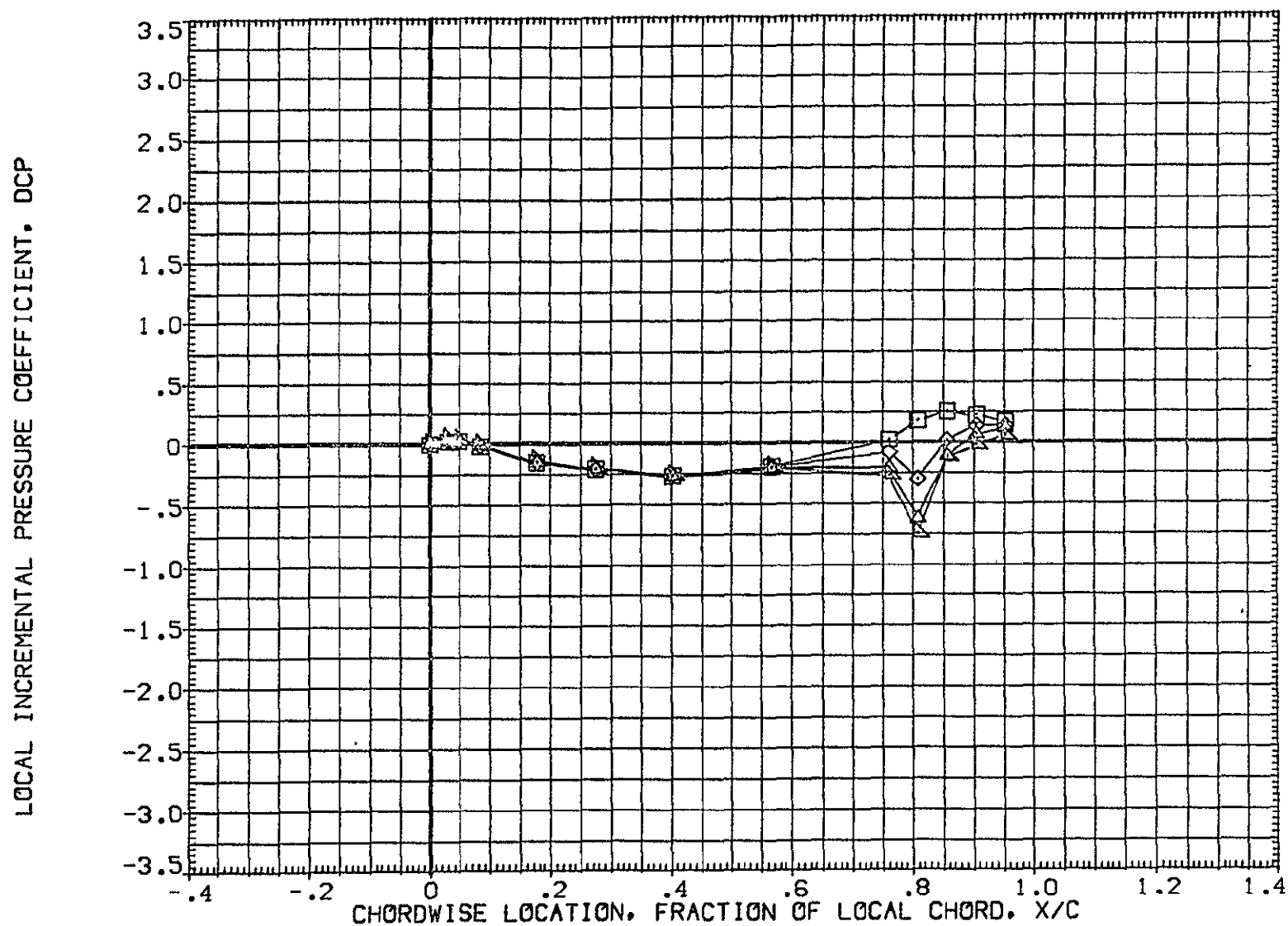


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = .000 2Y/B = .436 PAGE 1213

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

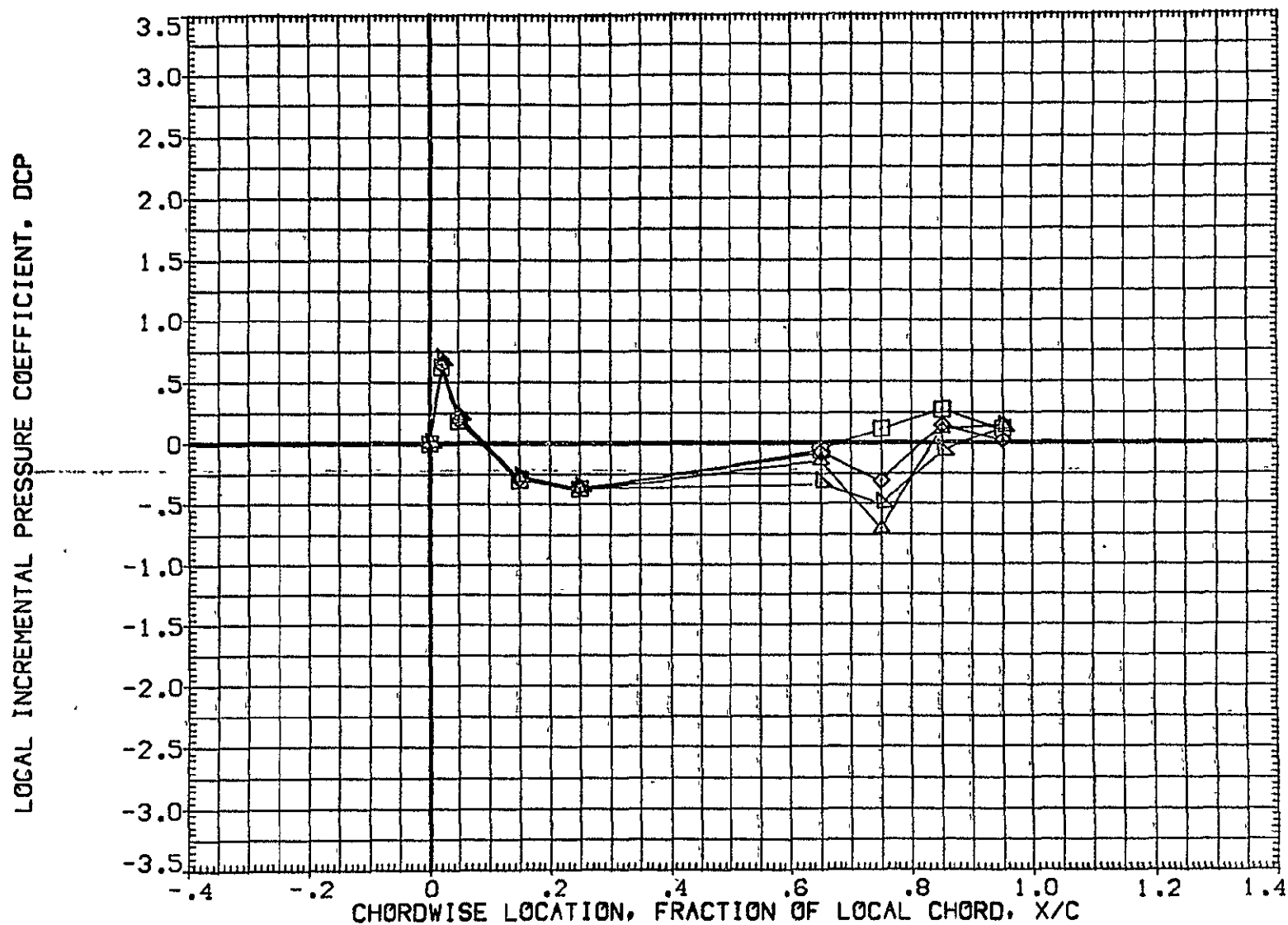


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

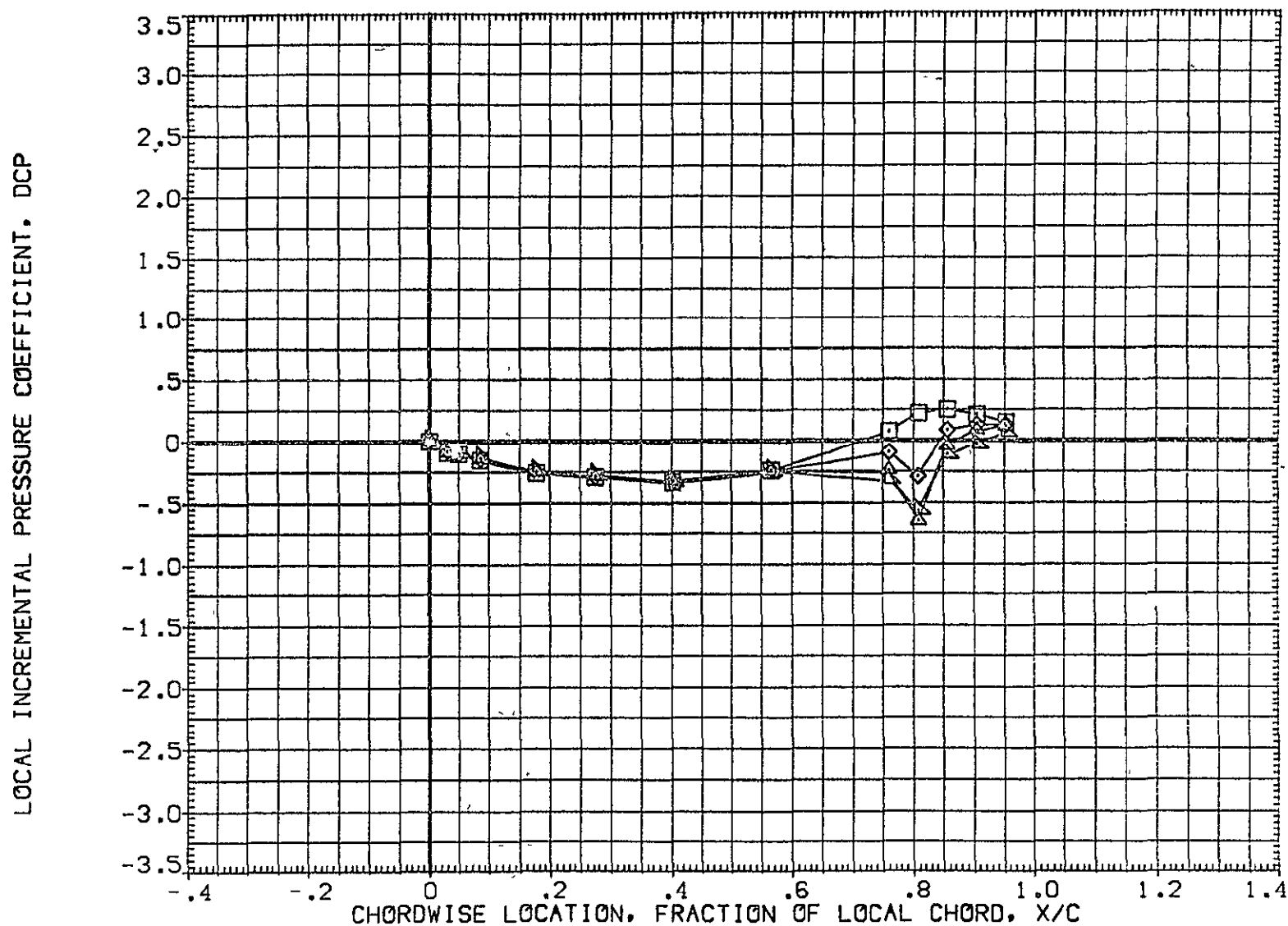


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 2.000 2Y/B = .436 PAGE 1215



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

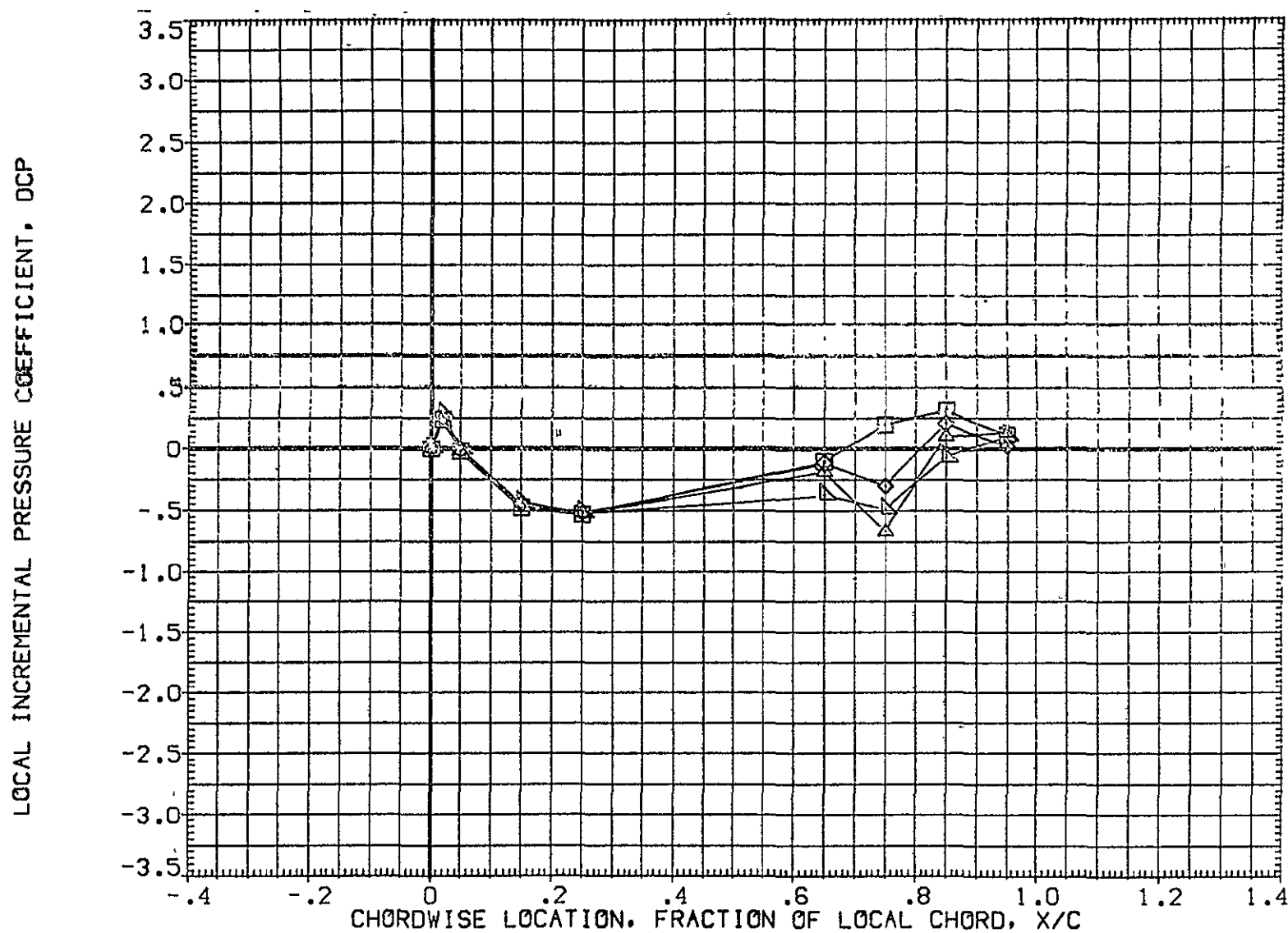


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 2.000 2Y/B = .771

PAGE 1216

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

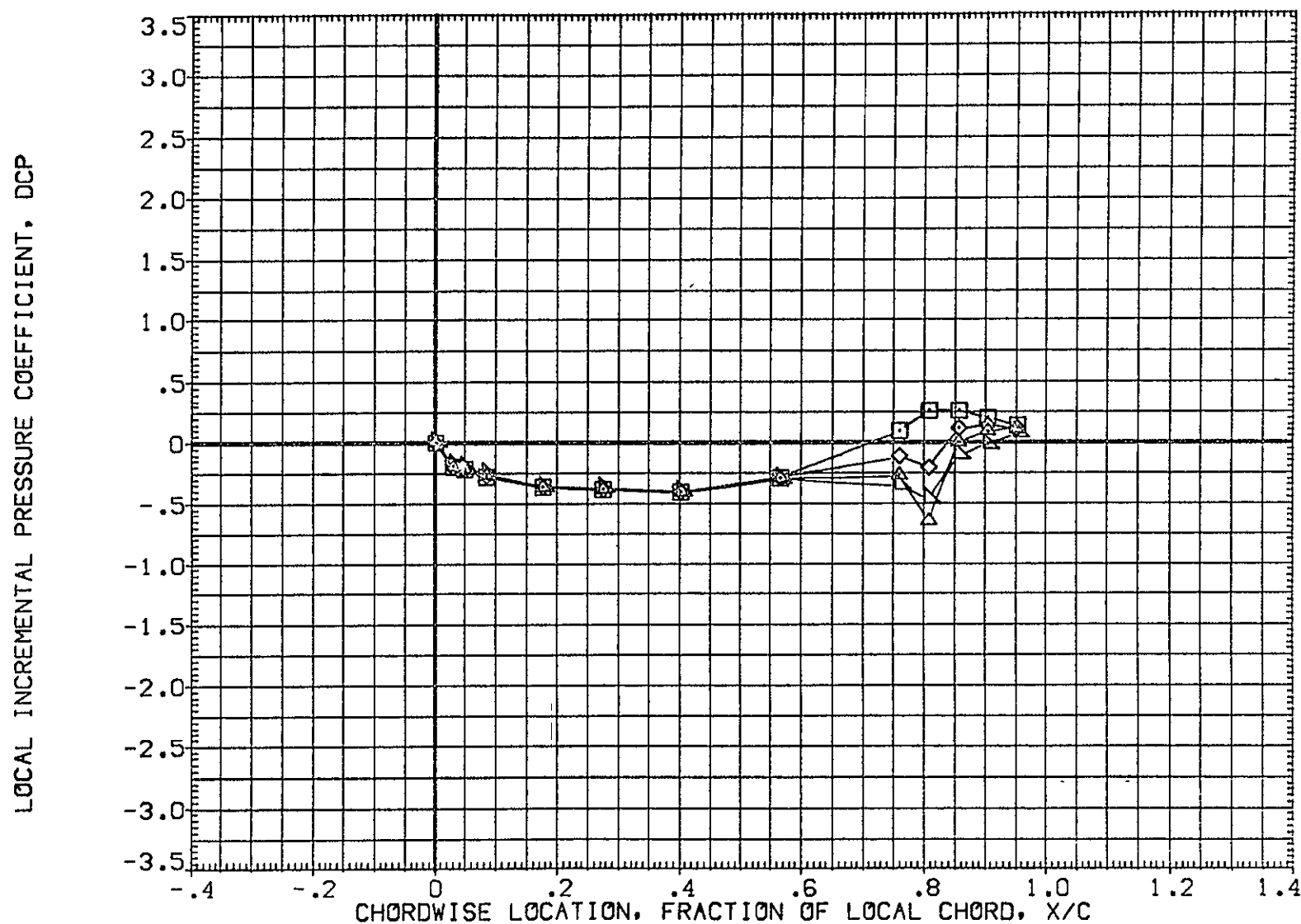


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = .900 ALPHA = 4.000  $2Y/B = .436$  PAGE 1217

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

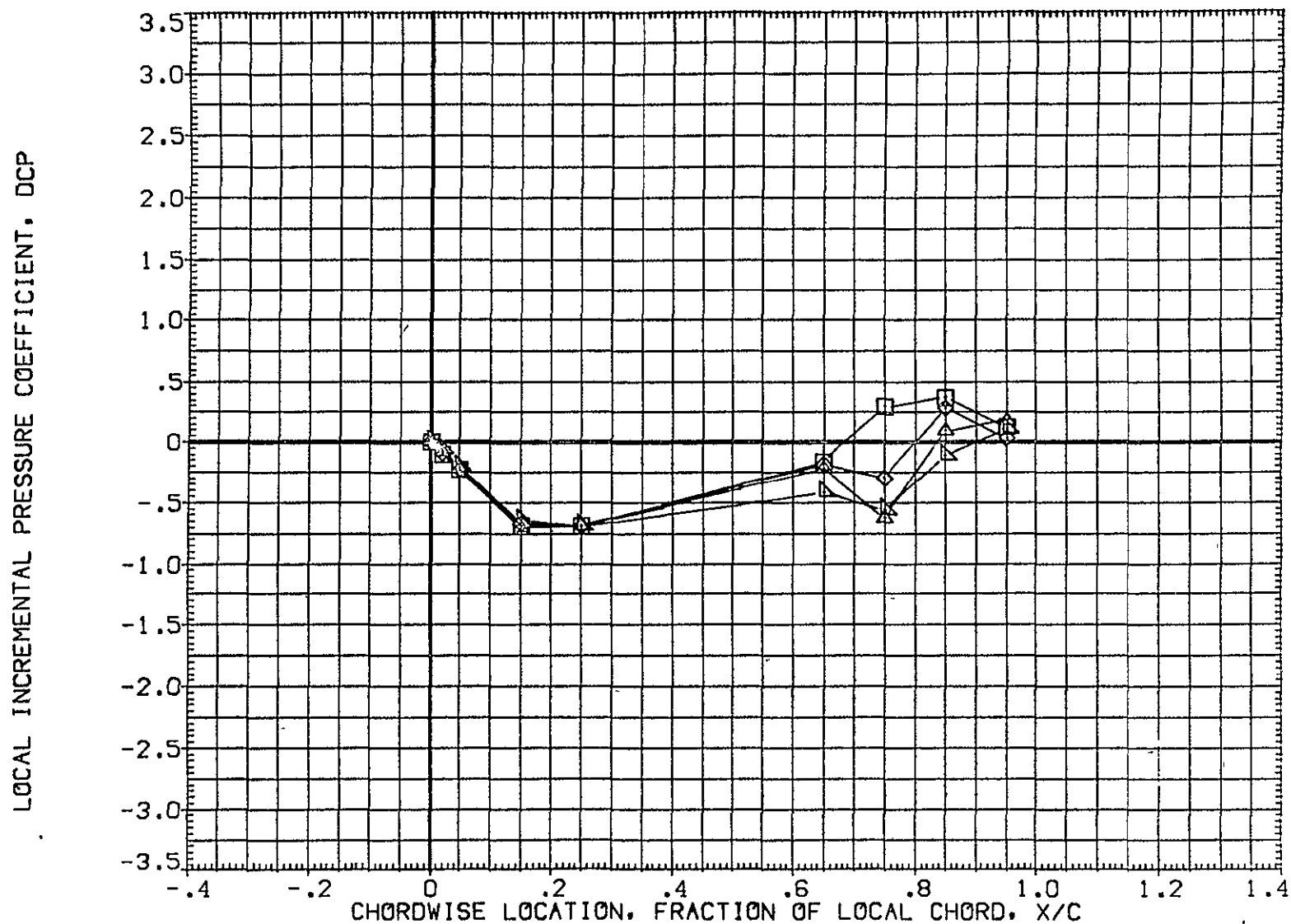


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 4.000 2Y/B = .771 PAGE 1218

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7052]	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

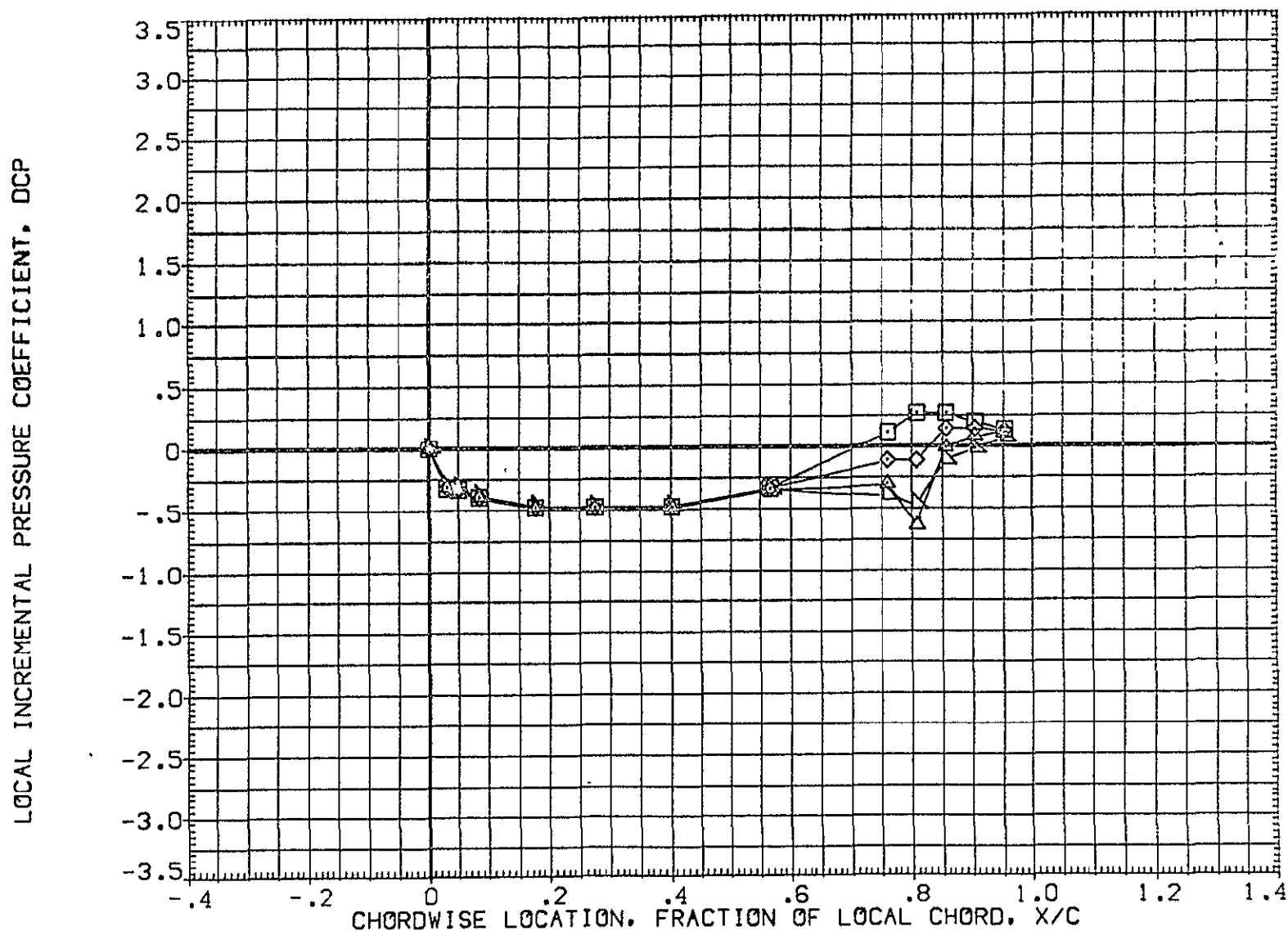


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

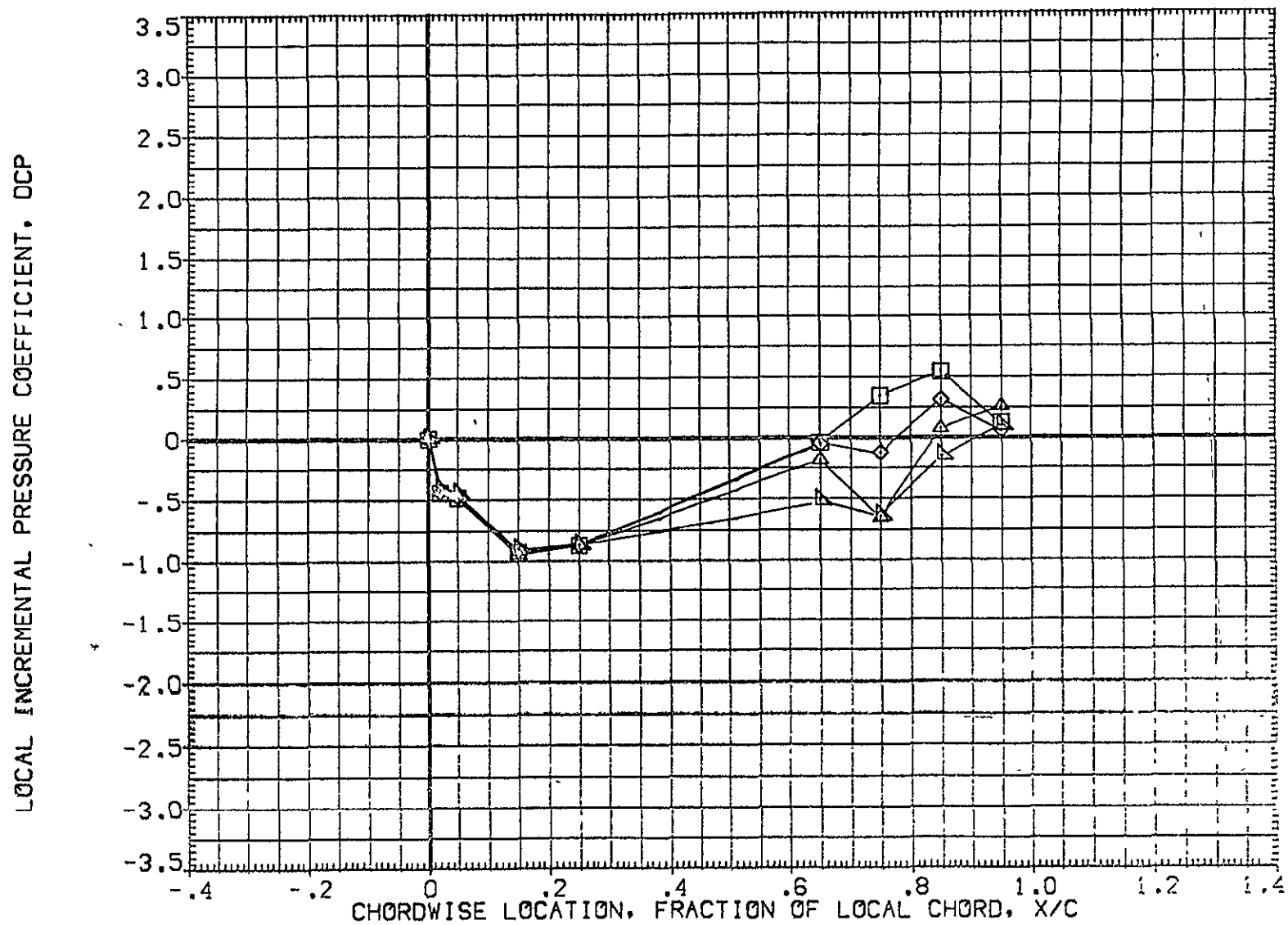


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 6.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	□	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

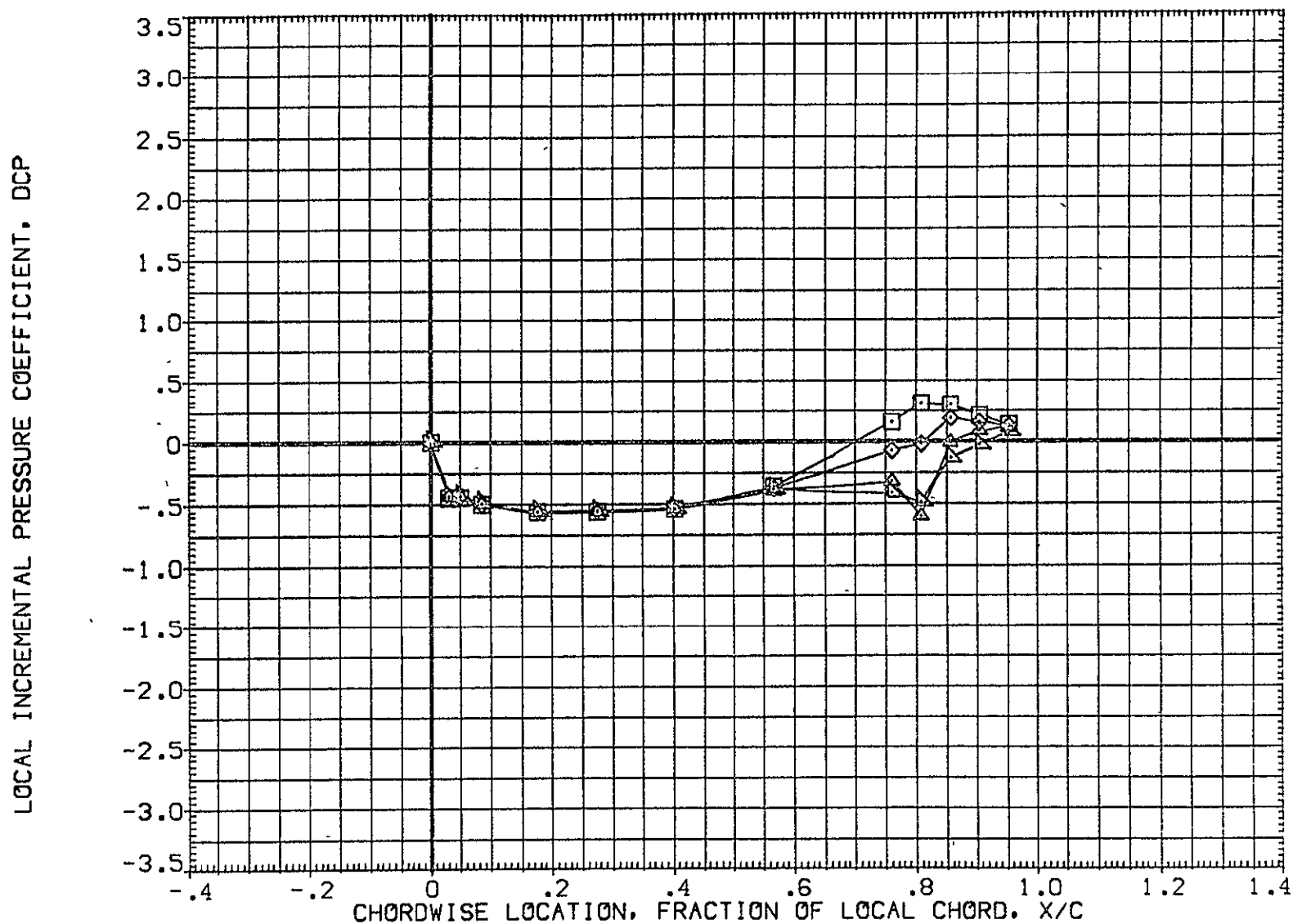


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = .900 ALPHA = 8.000 2Y/B = .436 PAGE 1221

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

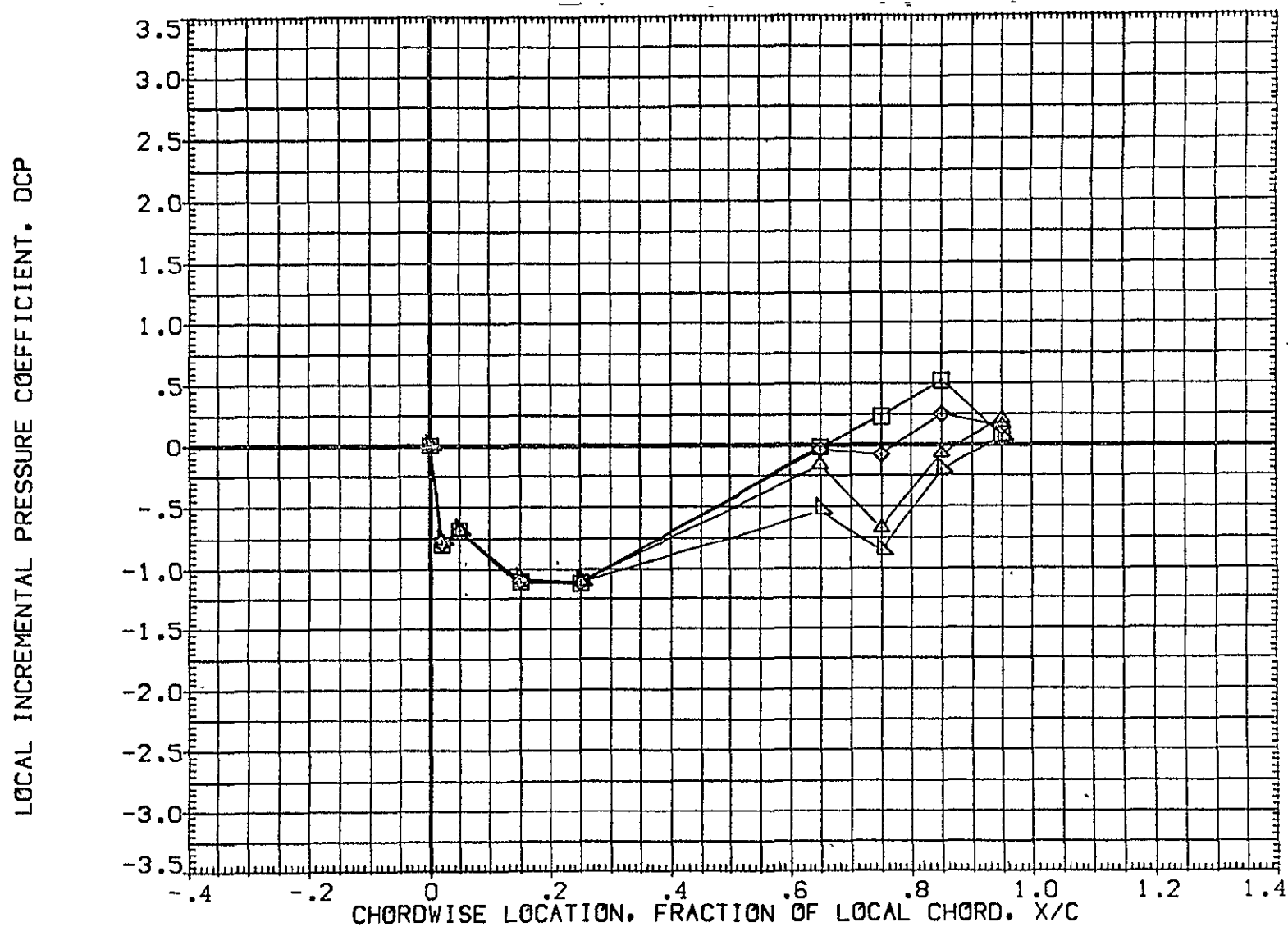


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = .900 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

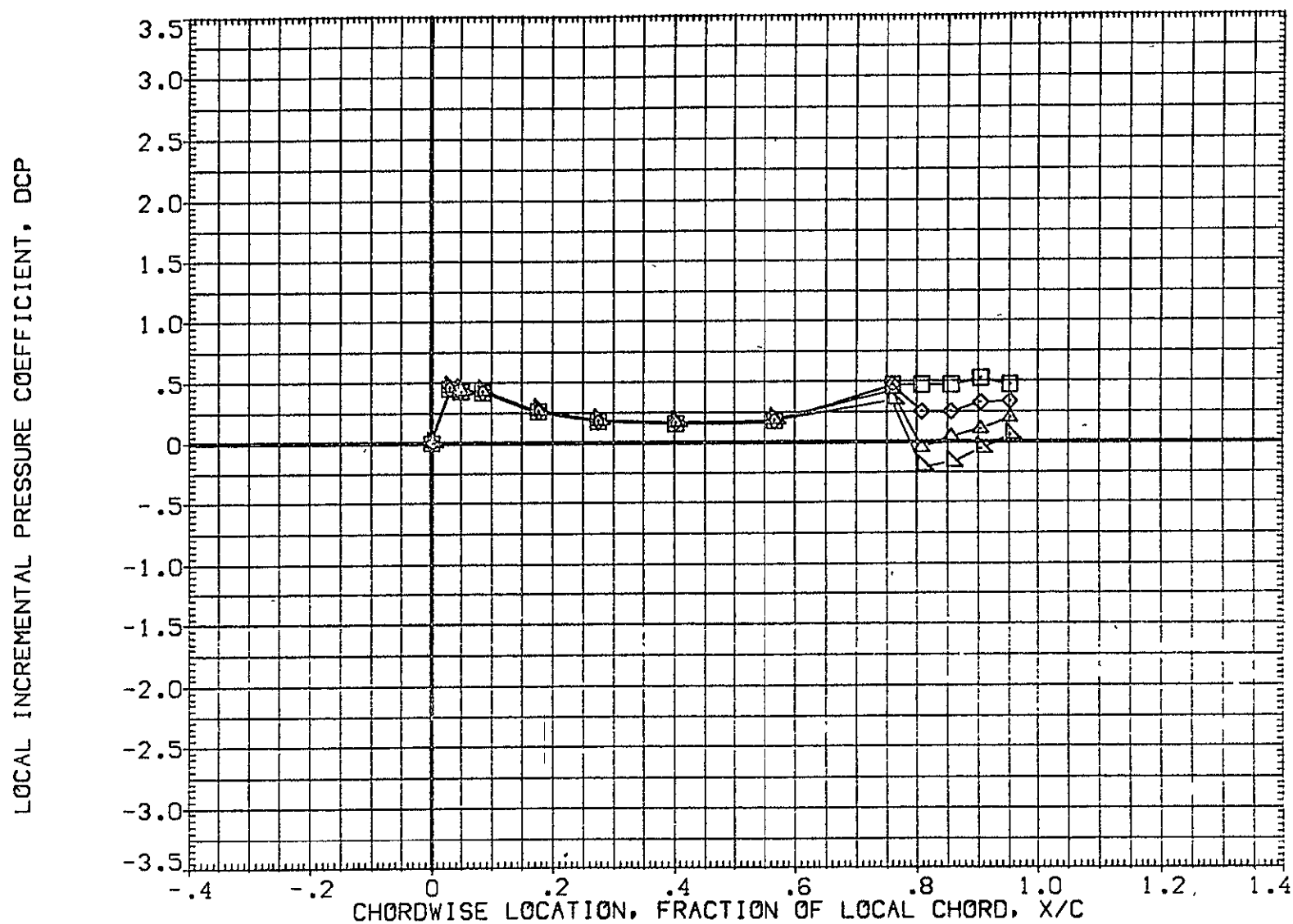


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -8.000 2Y/B = .436 PAGE 1223



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

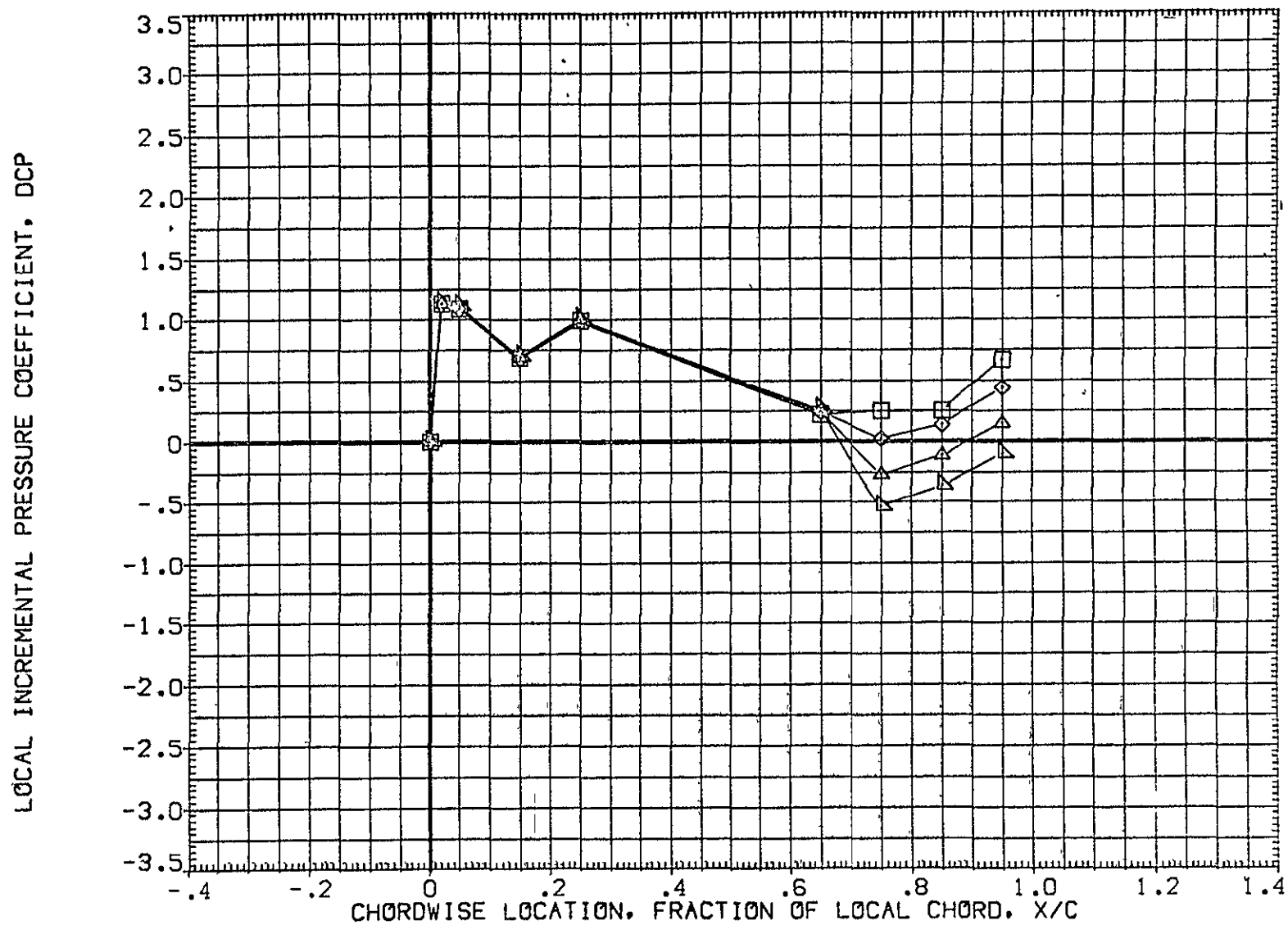


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -8.000 2Y/B = .771

PAGE 1224

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

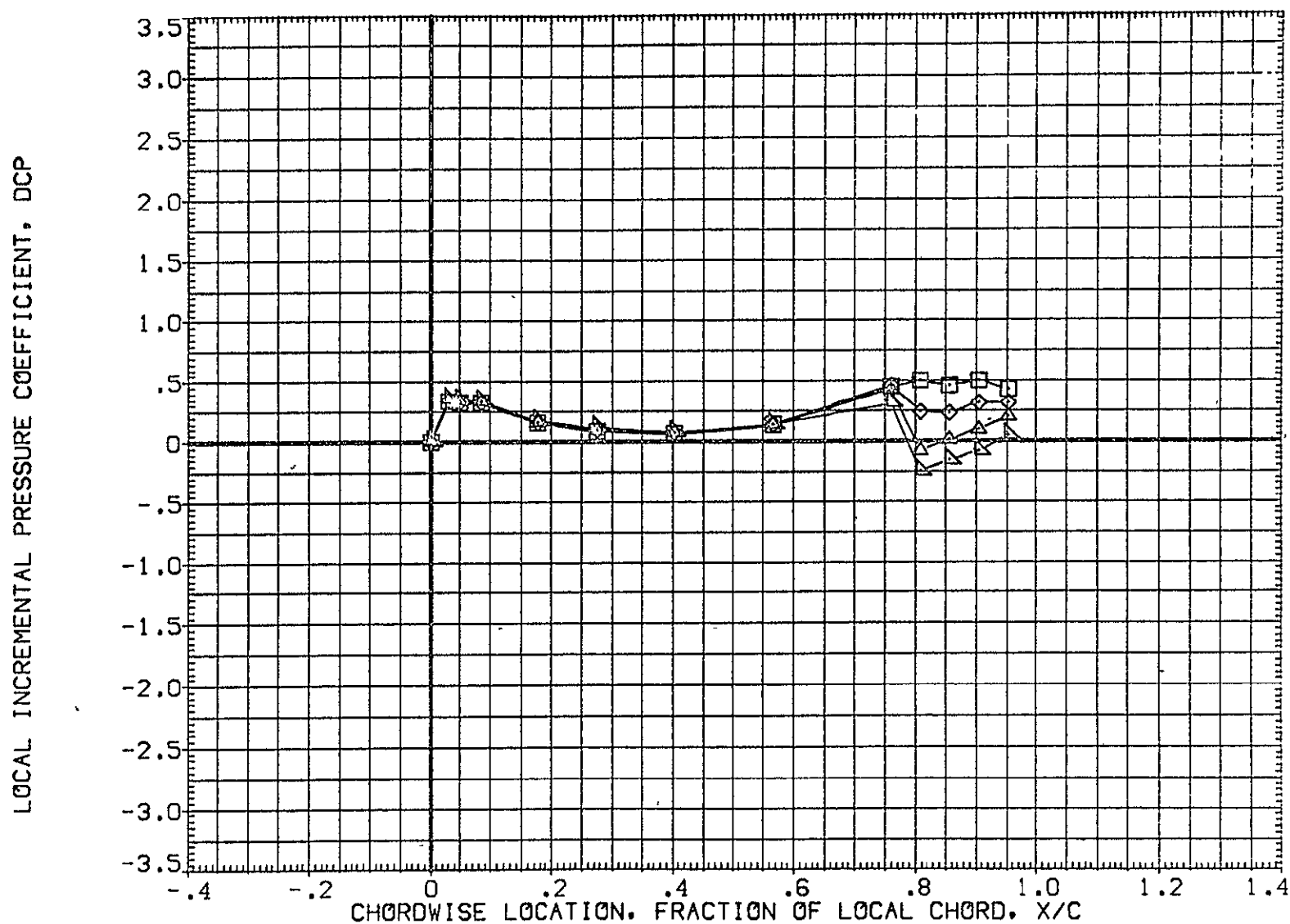


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -6.000 2Y/B = .436 PAGE 1225

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

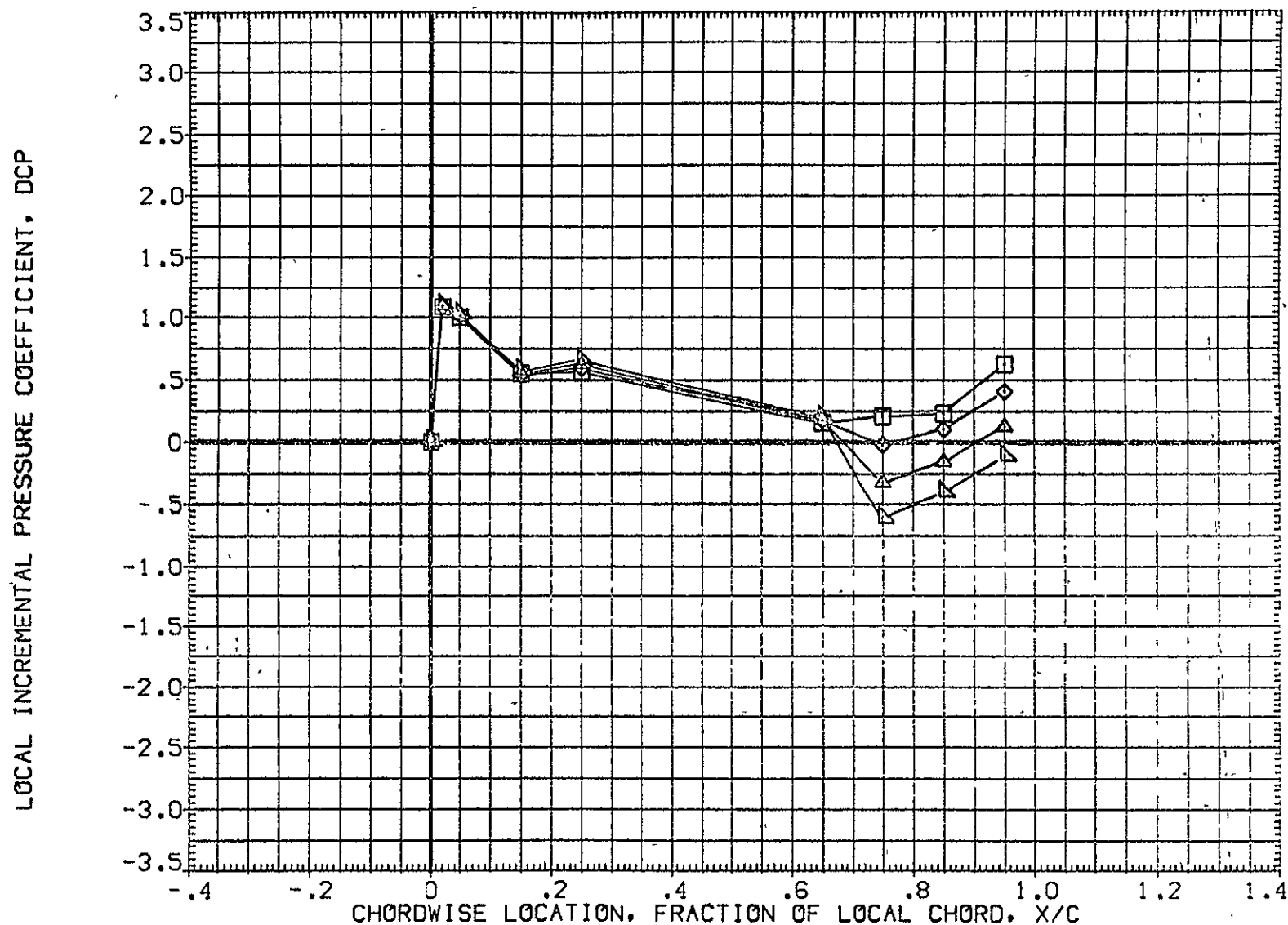


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -6.000 2Y/B = .771 PAGE 1226

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

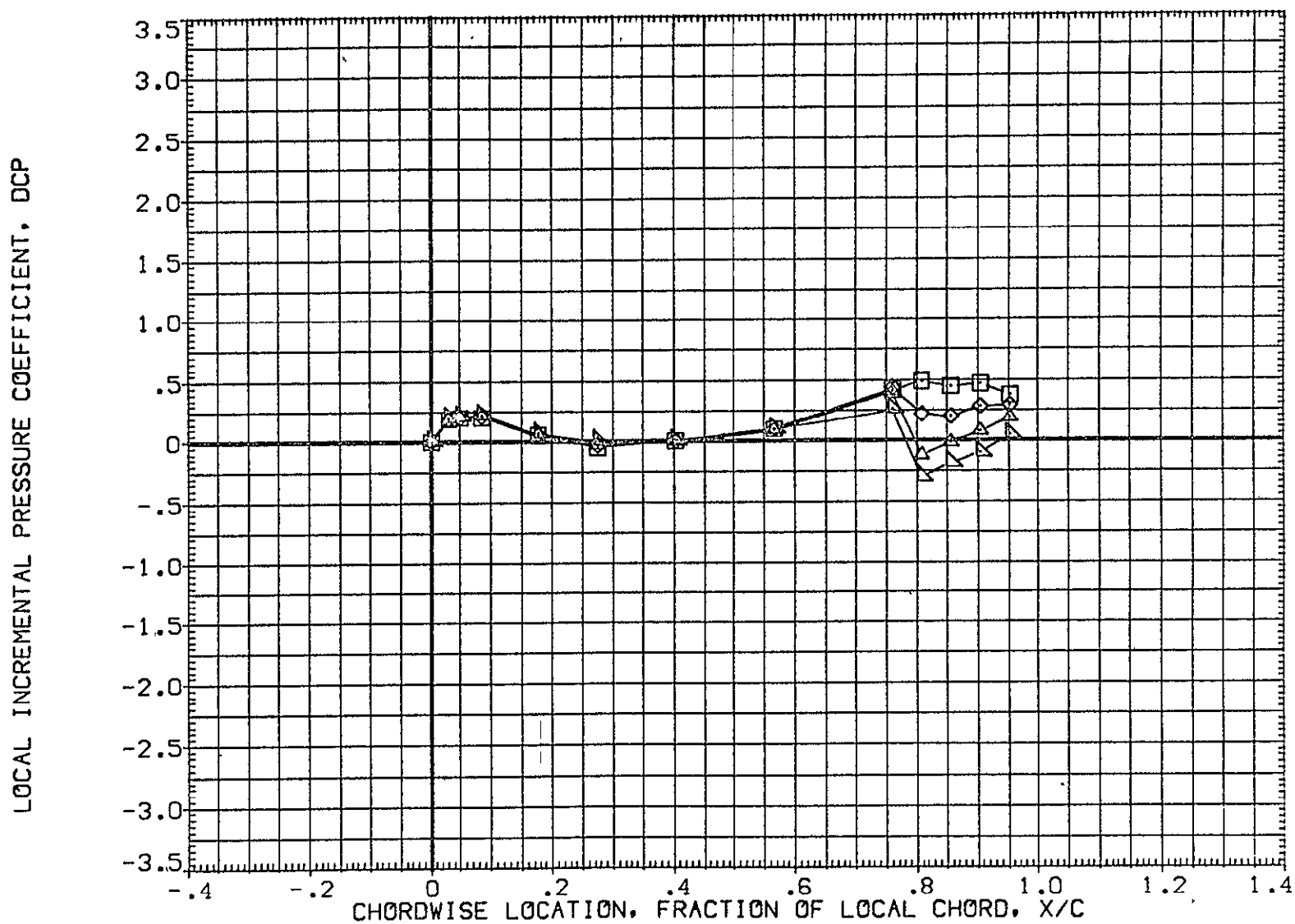


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -4.000 2Y/B = .436 PAGE 1227

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

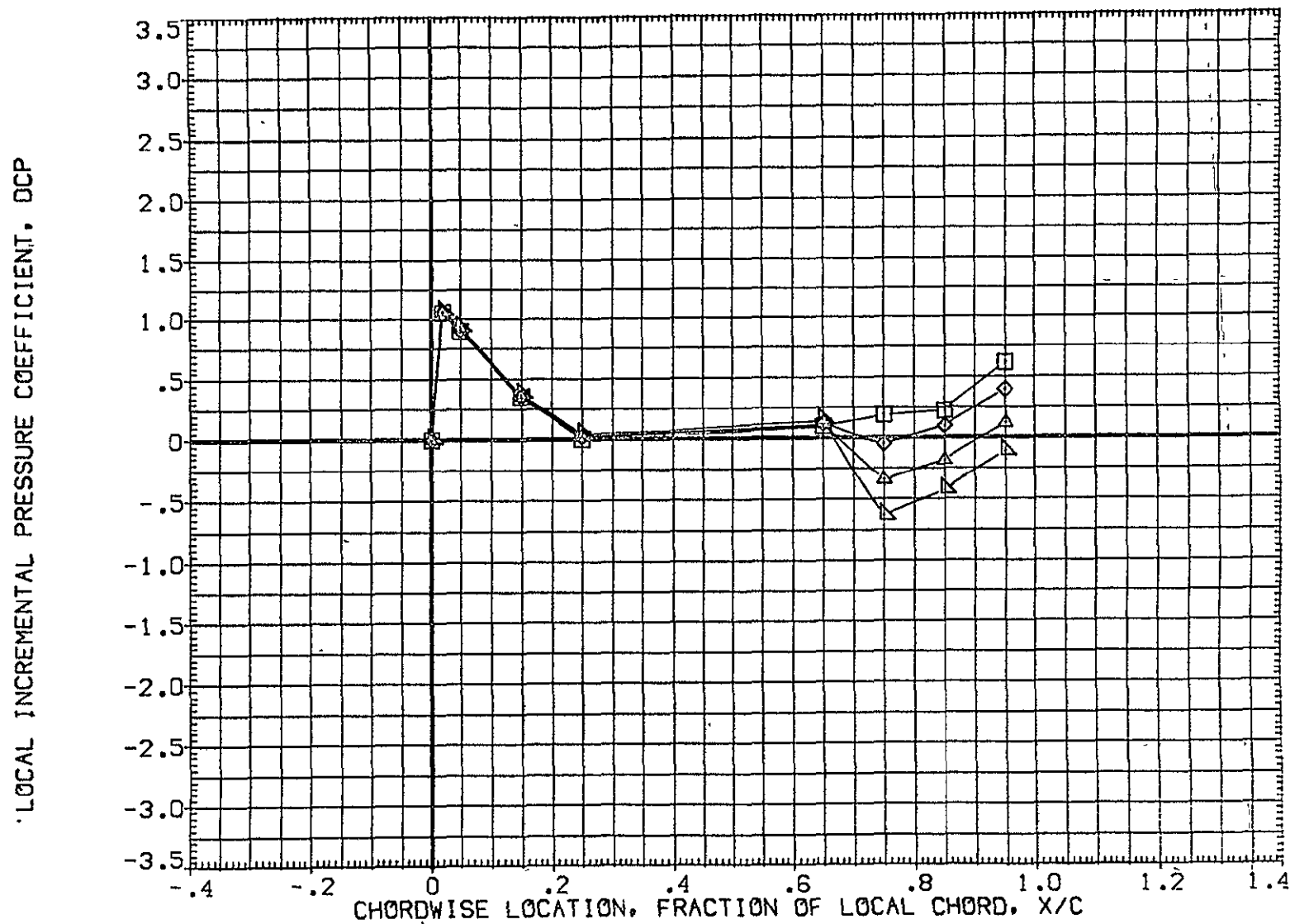


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7065 }	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{ AF7047 }	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{ AF7052 }	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{ AF7057 }	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{ AF7062 }	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

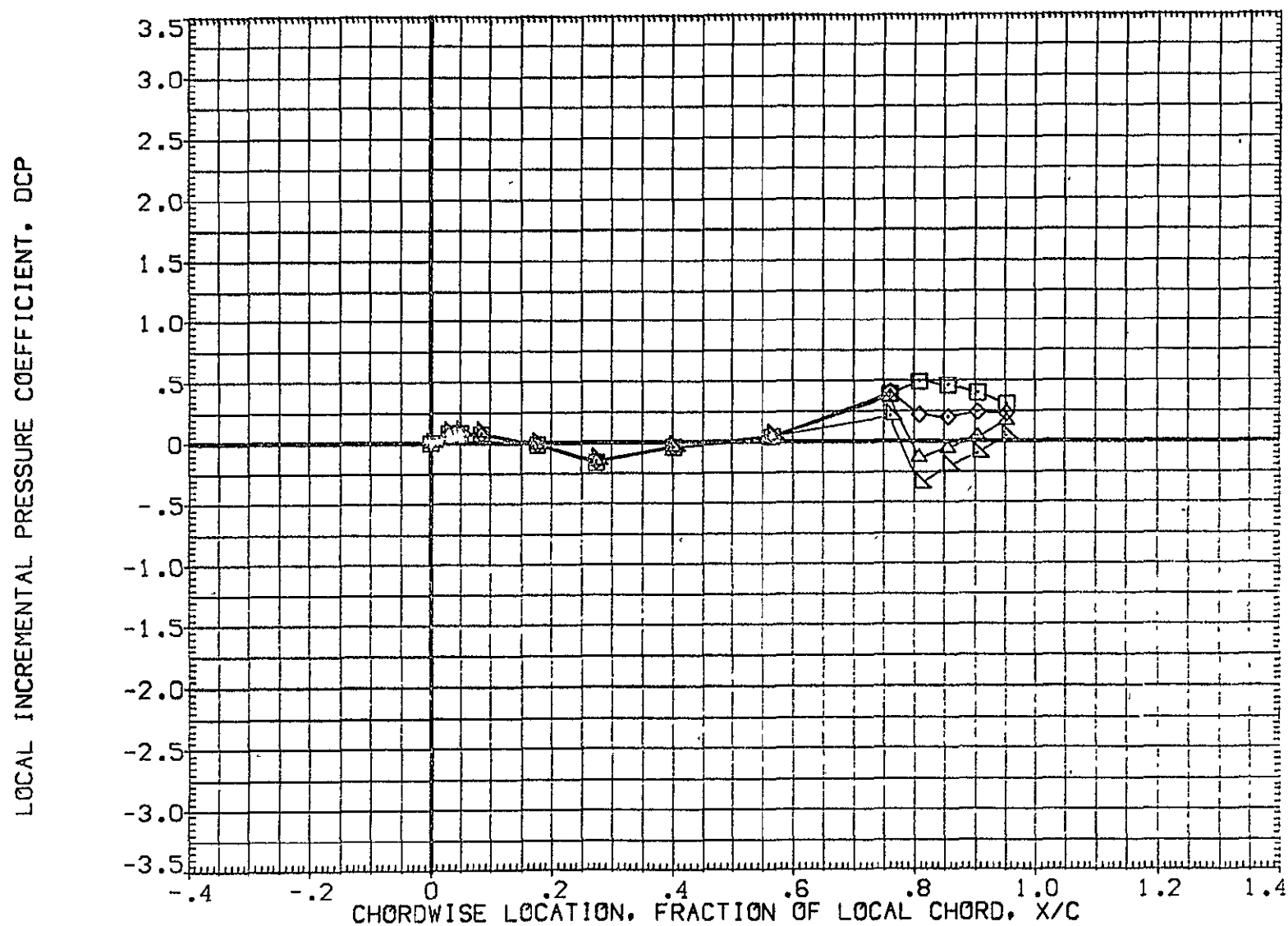


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = -2.000 2Y/B = .436 PAGE 1229

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[ AF7065 ]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[ AF7047 ]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[ AF7052 ]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[ AF7057 ]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[ AF7062 ]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

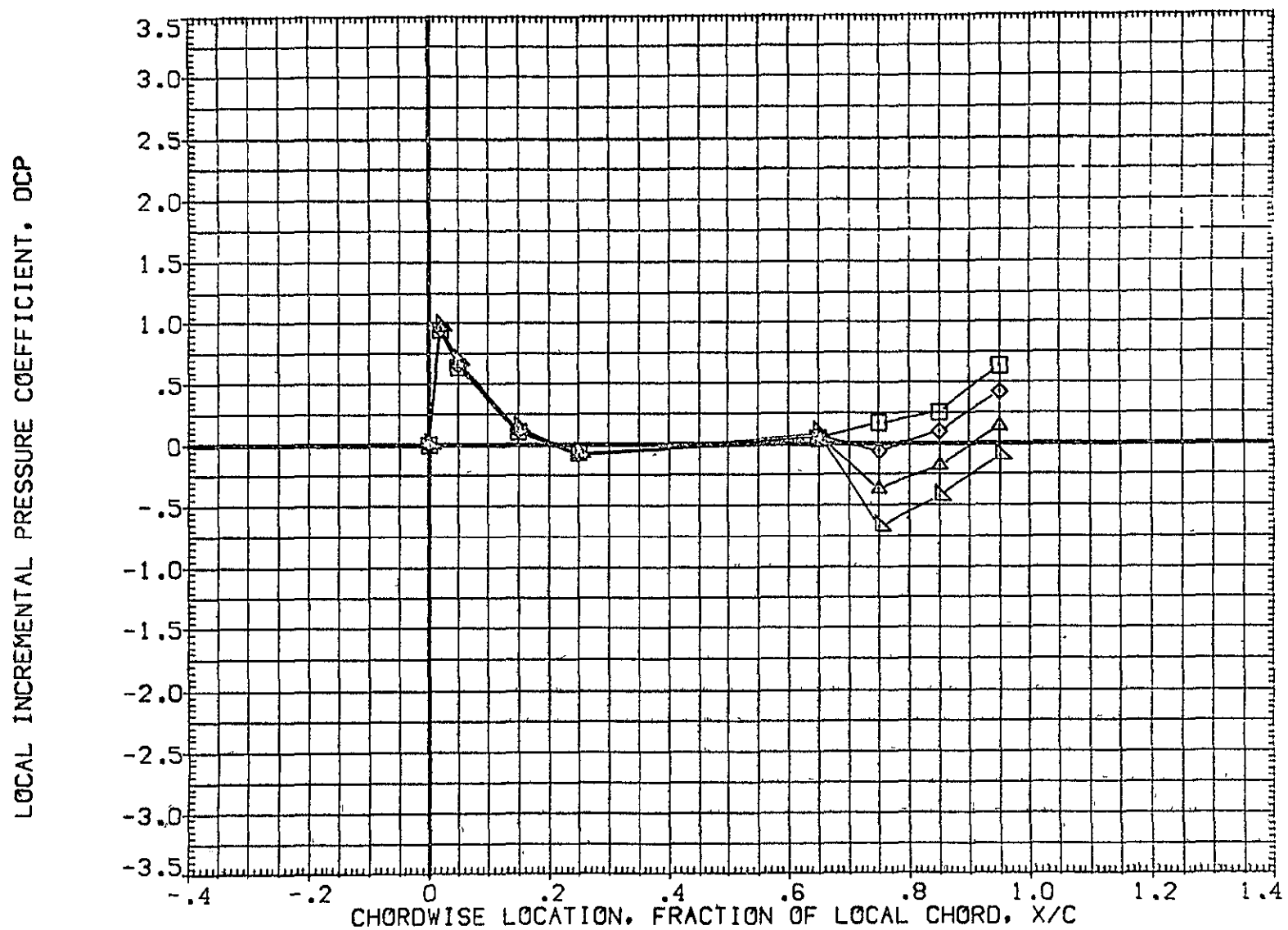


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = -2.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

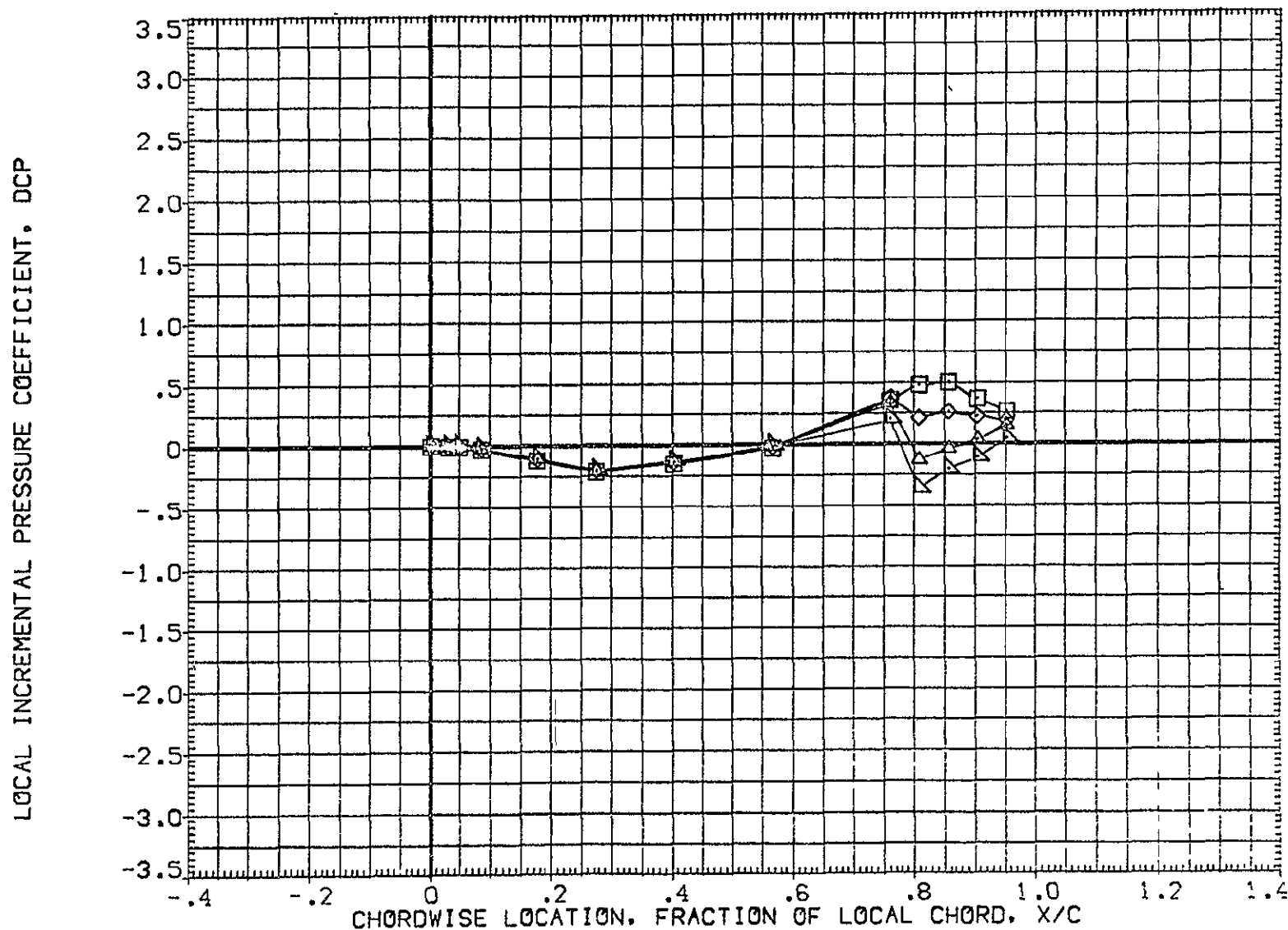


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = .000 2Y/B = .436 PAGE 1231



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

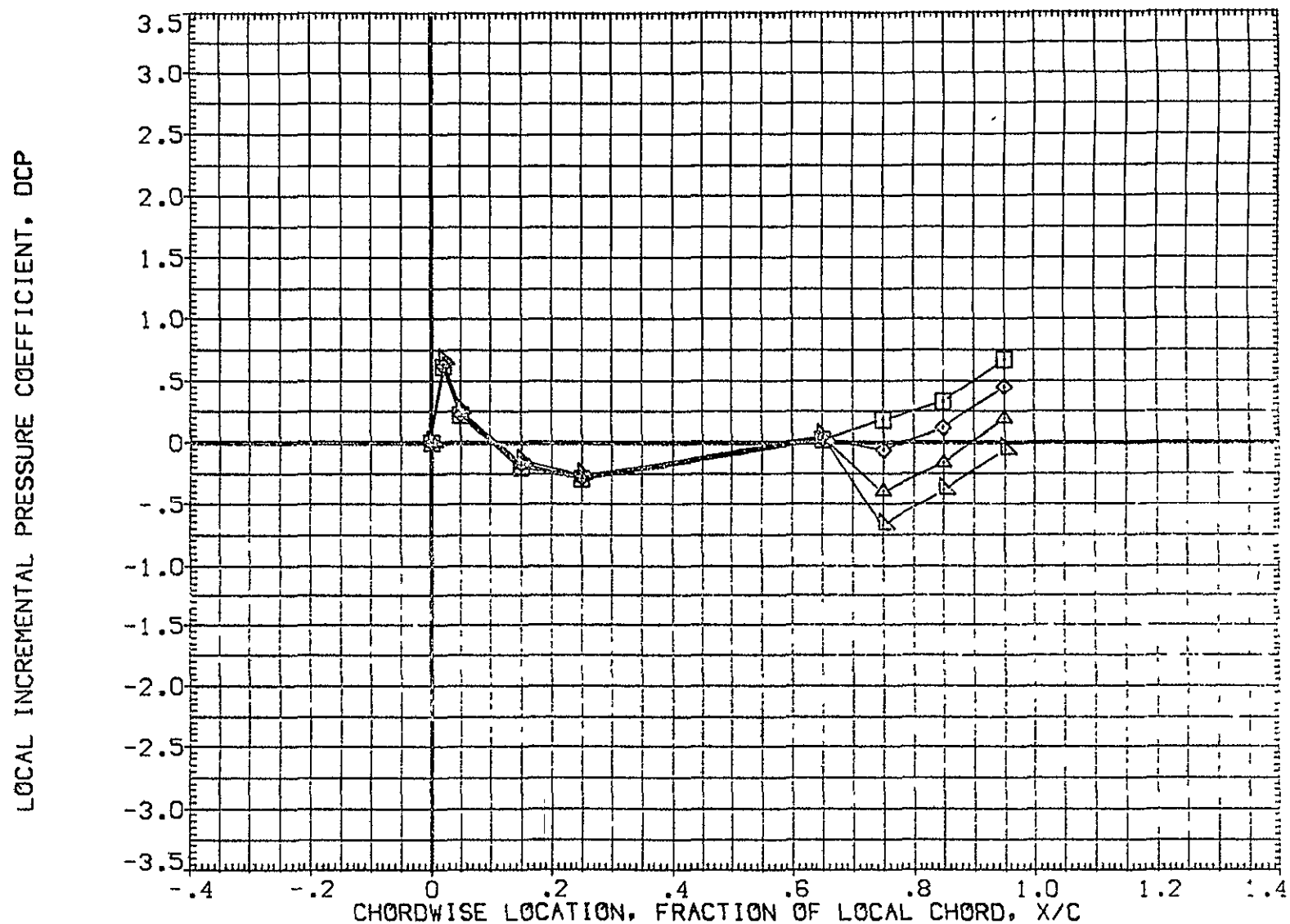


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

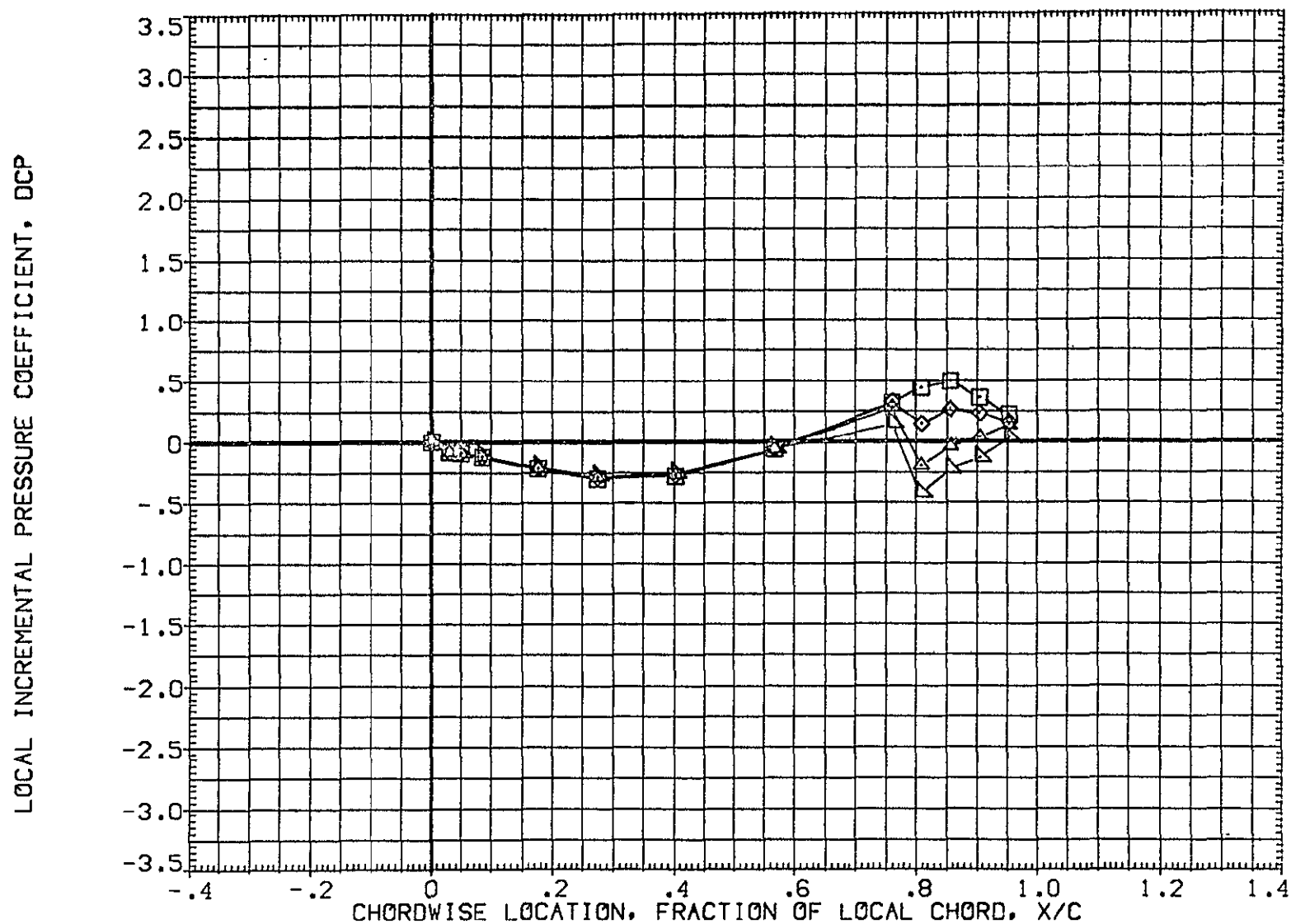


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 2.000 2Y/B = .436 PAGE 1233

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

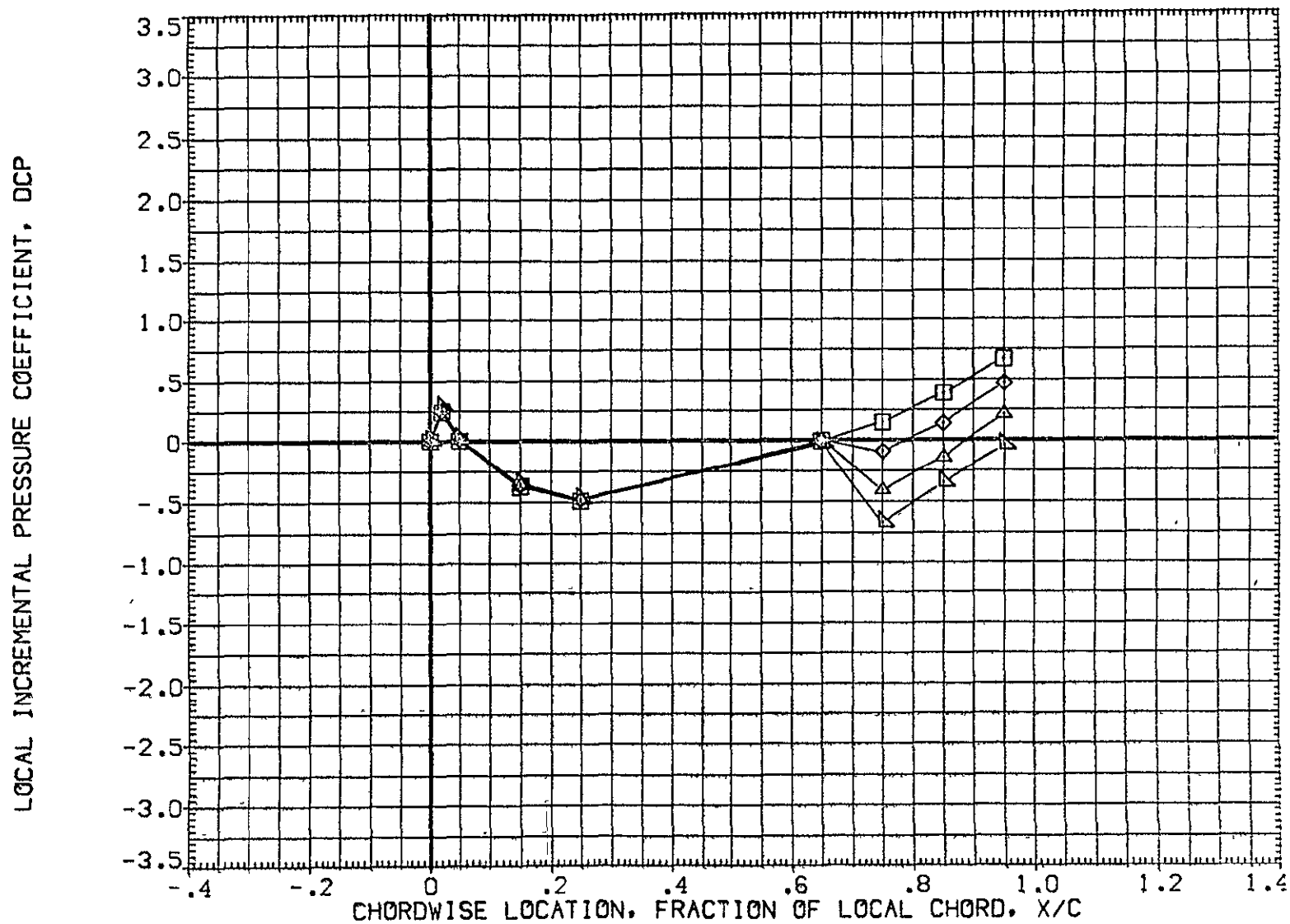


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 2.000 2Y/B = .771 PAGE 1234

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

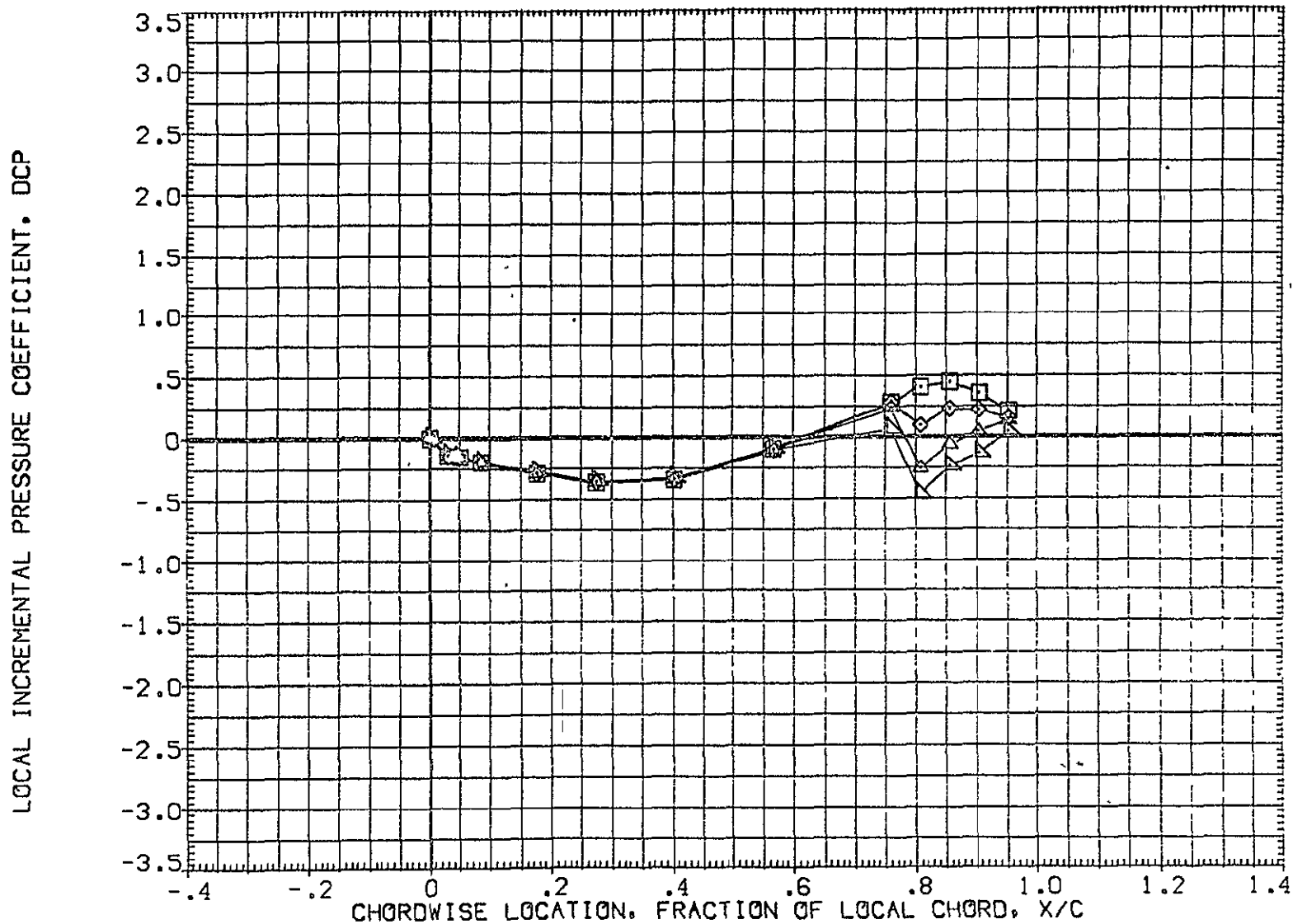


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 4.000 2Y/B = .436 PAGE 1235

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]		DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

LOCAL INCREMENTAL PRESSURE COEFFICIENT, DCP

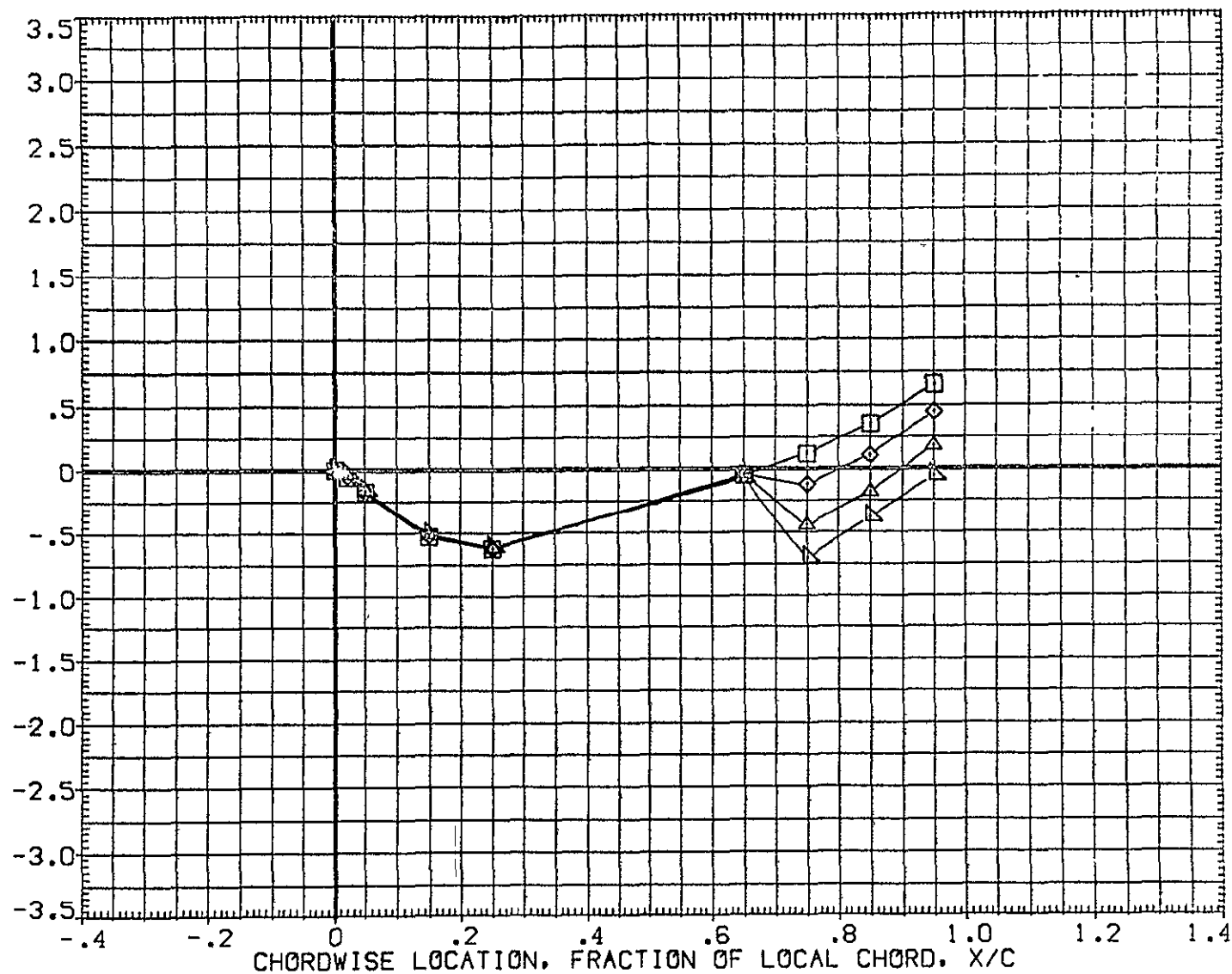


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

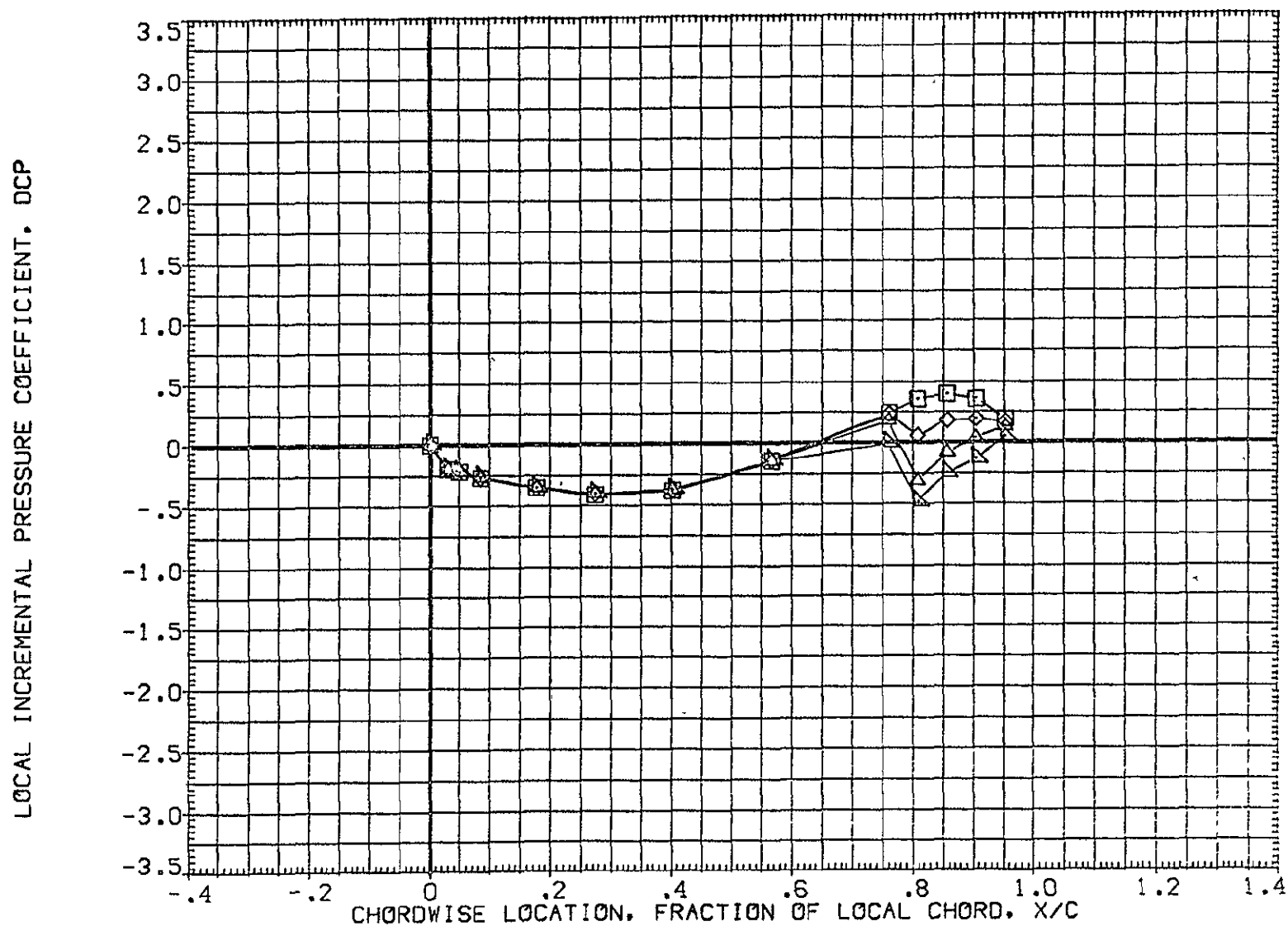


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 6.000 2Y/B = .436 PAGE 1237

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

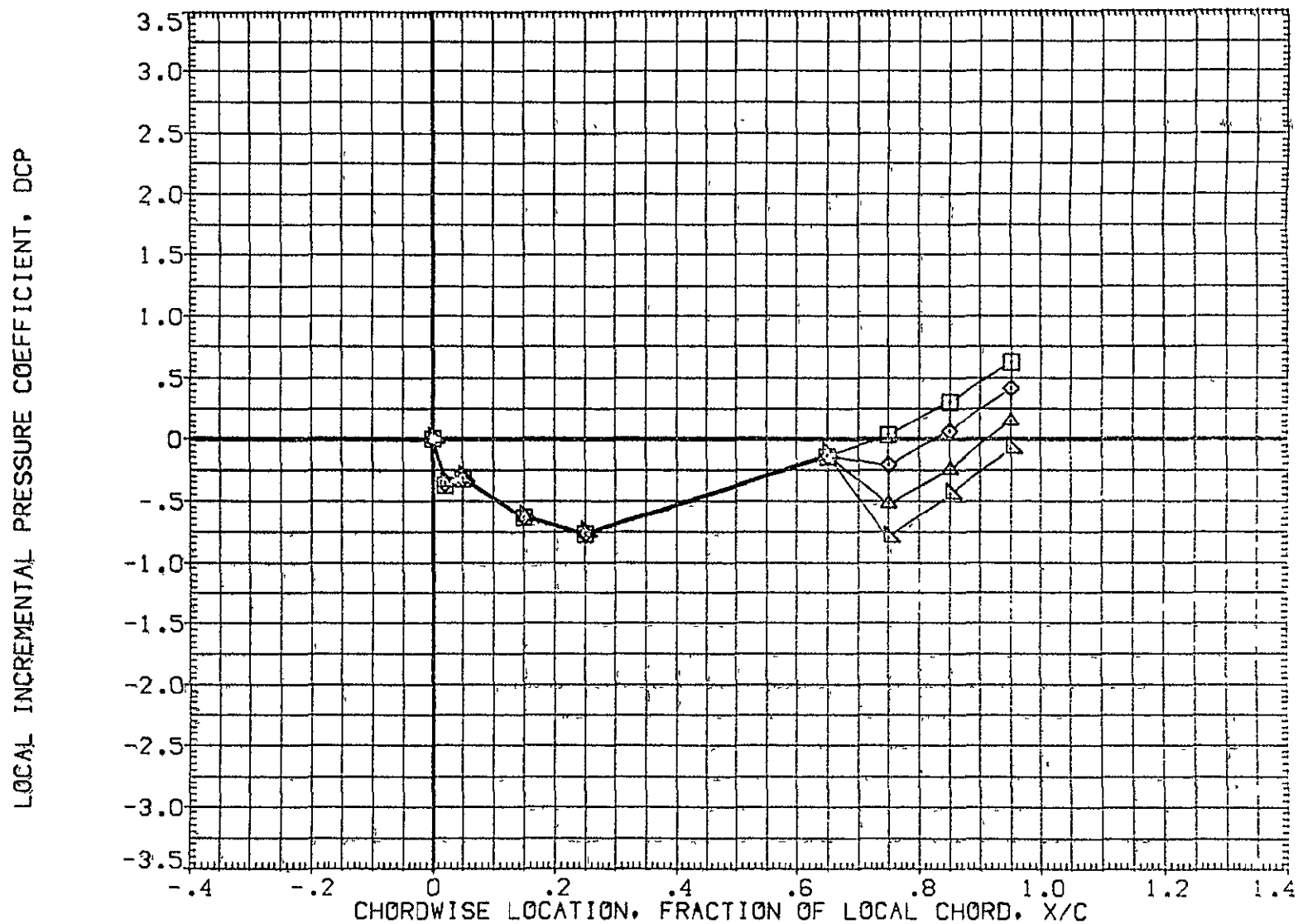


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.120 ALPHA = 6.000 2Y/B = .771 PAGE 1238

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	DATA NOT AVAILABLE	.000	.000	.000	.000
(AF7052)	DATA NOT AVAILABLE	4.000	4.000	4.000	4.000
(AF7057)	DATA NOT AVAILABLE	8.000	8.000	8.000	8.000
(AF7062)	DATA NOT AVAILABLE	8.000	12.000	12.000	12.000

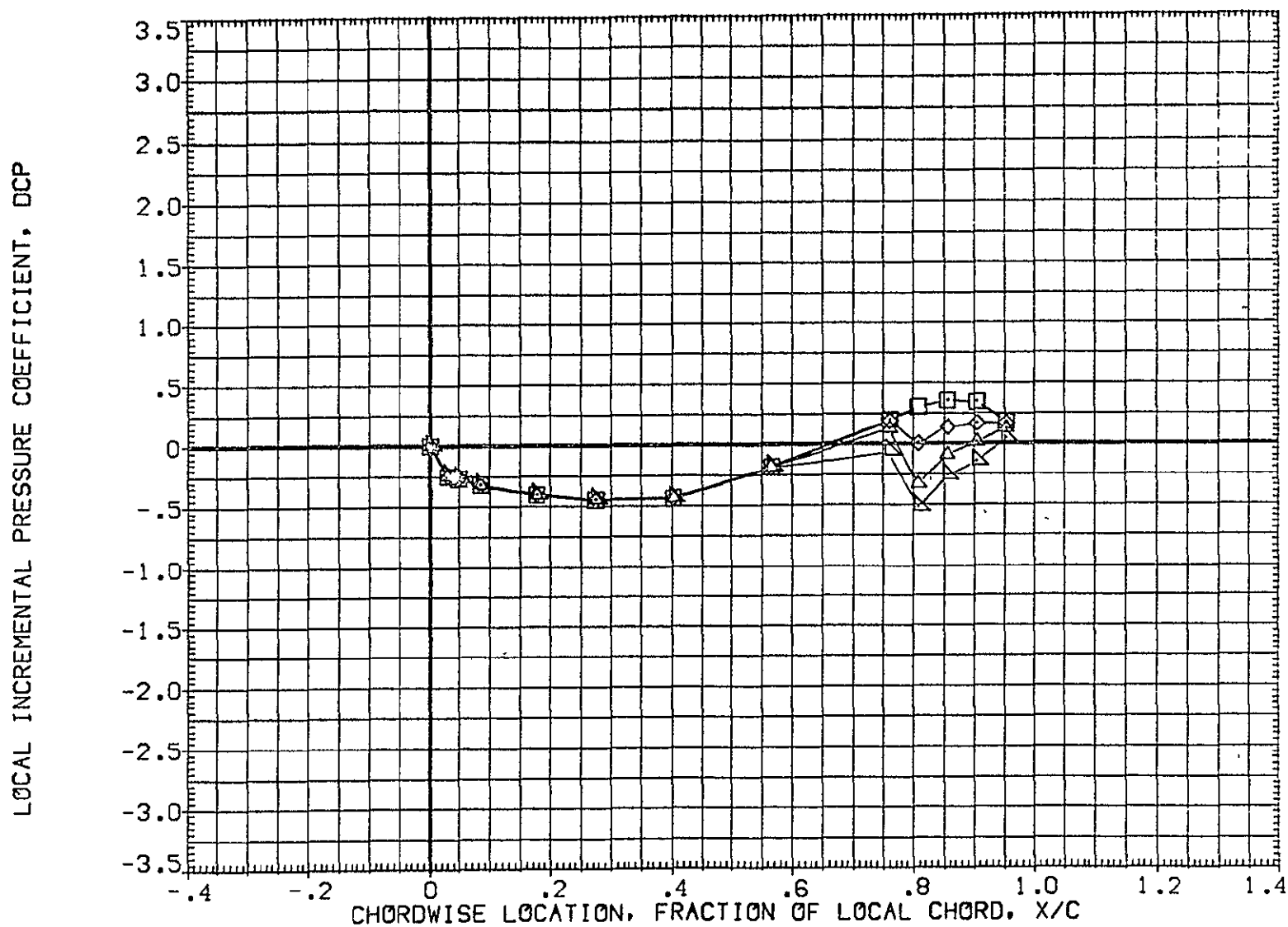


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = 1.120 ALPHA = 8.000  $2Y/B = .436$  PAGE 1239



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

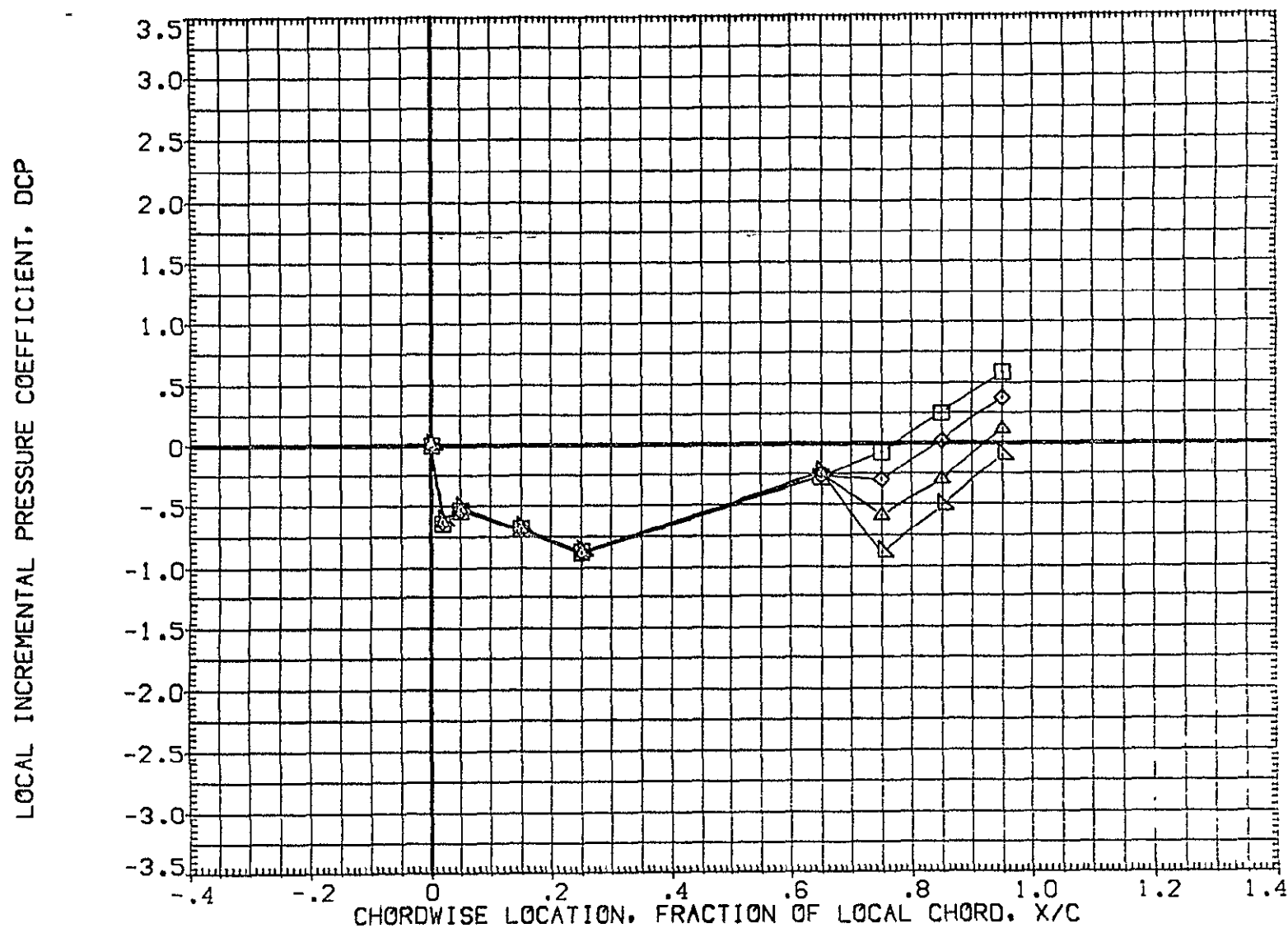


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.120 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE				
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7062}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
		8.000	12.000	12.000	12.000

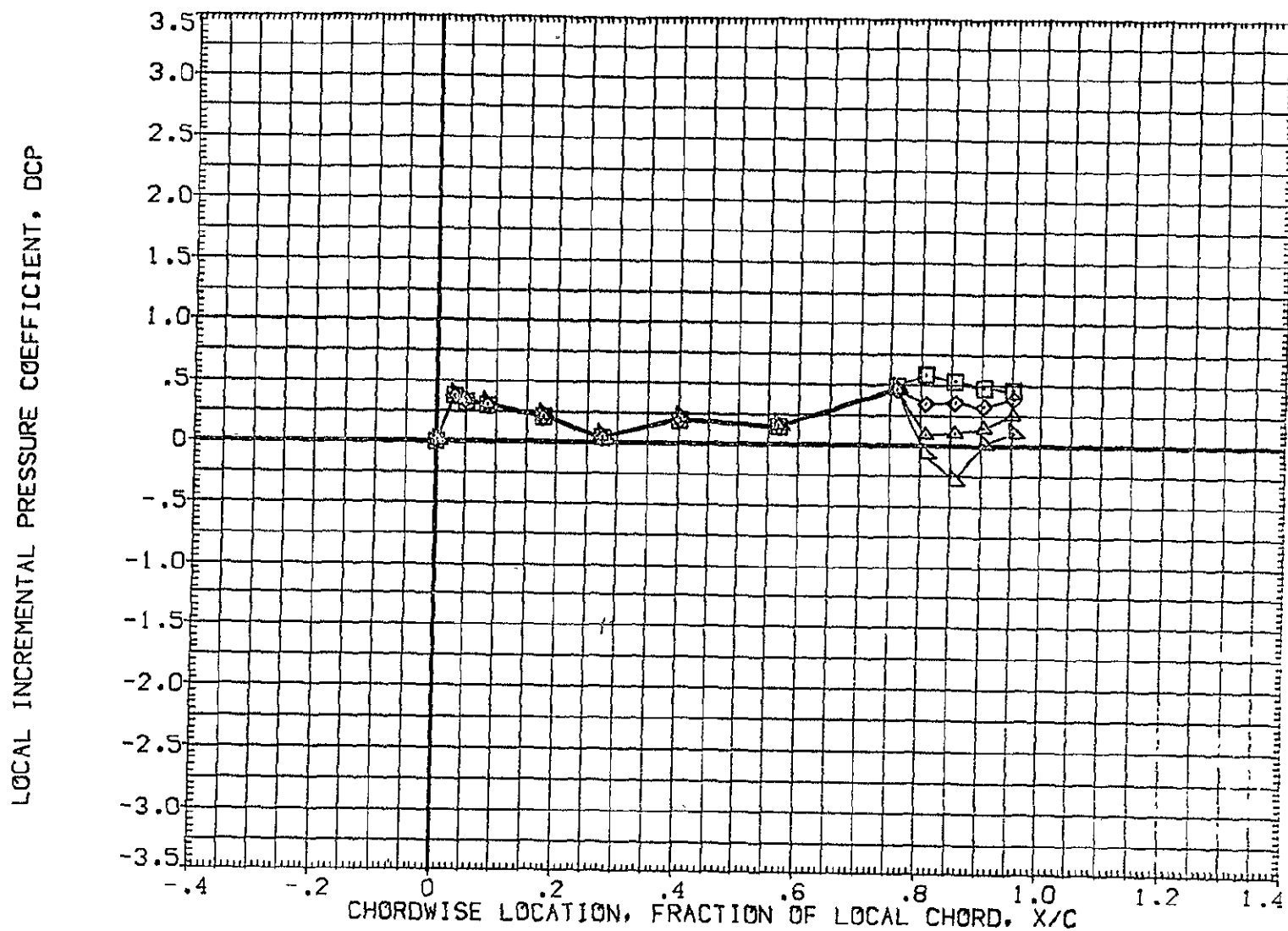


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -8.000 2Y/B = .436 PAGE 1241

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

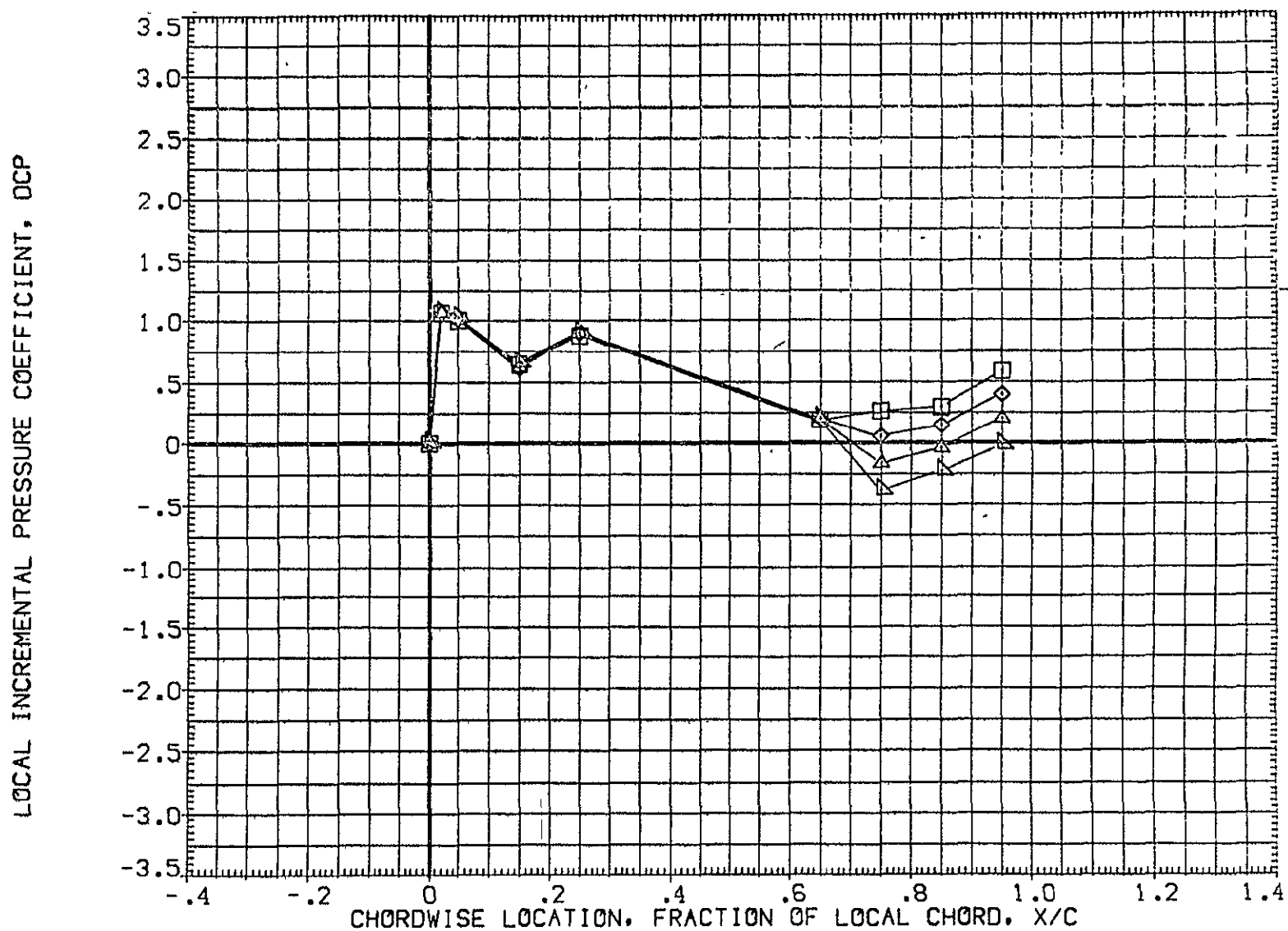


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -8.000 2Y/B = .771 PAGE 1242

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

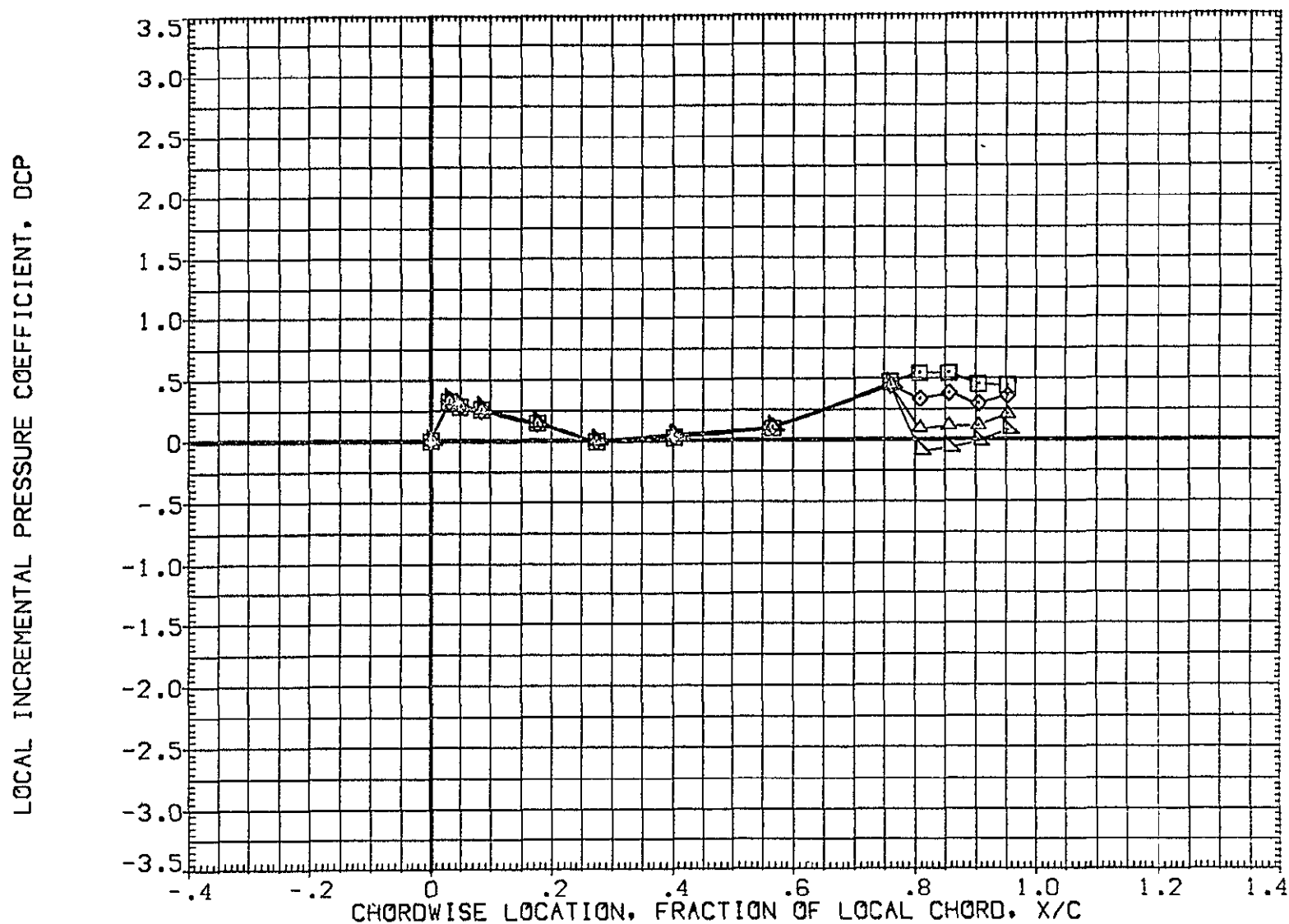


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	□	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

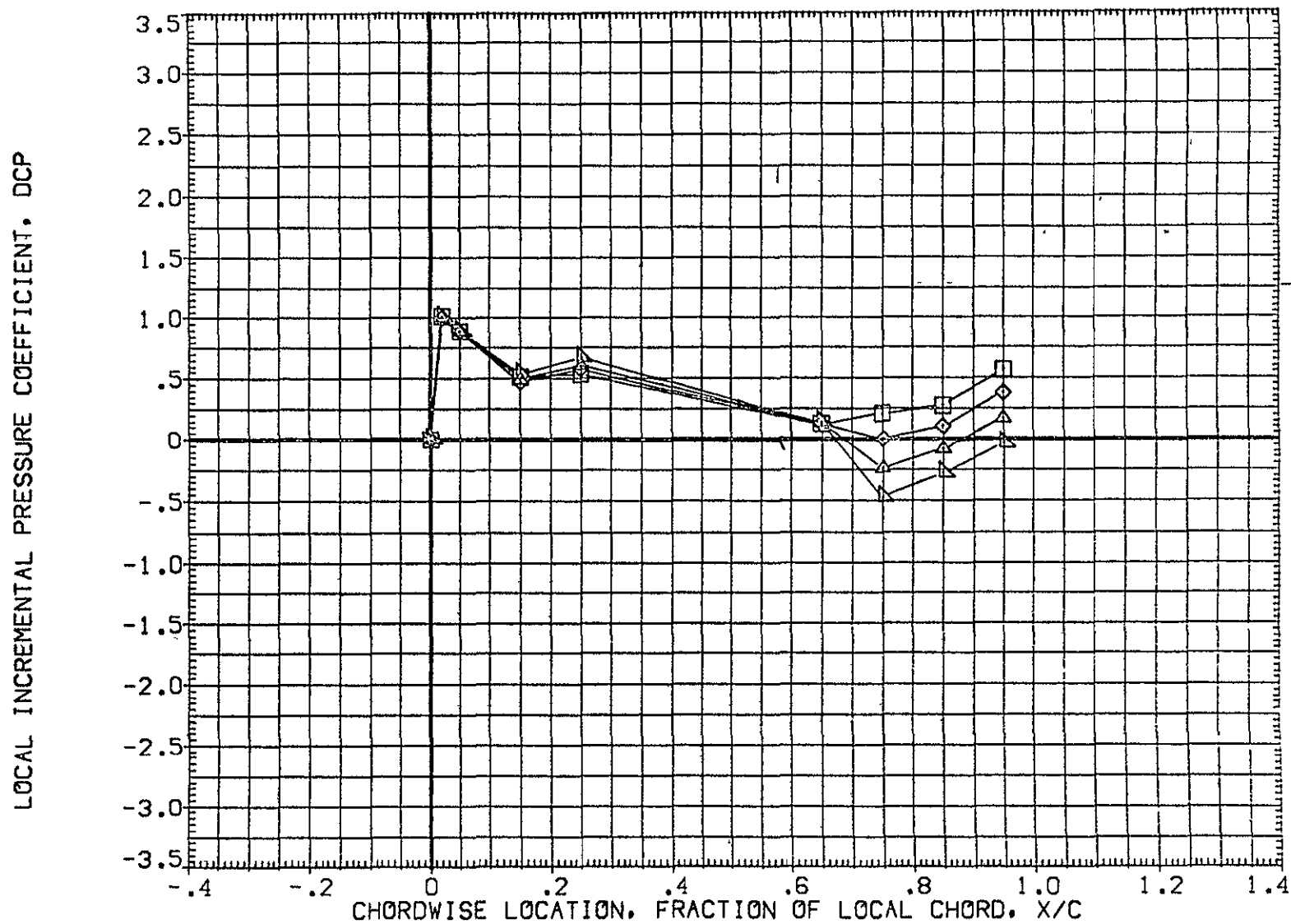


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -6.000 2Y/B = .771 PAGE 1244

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

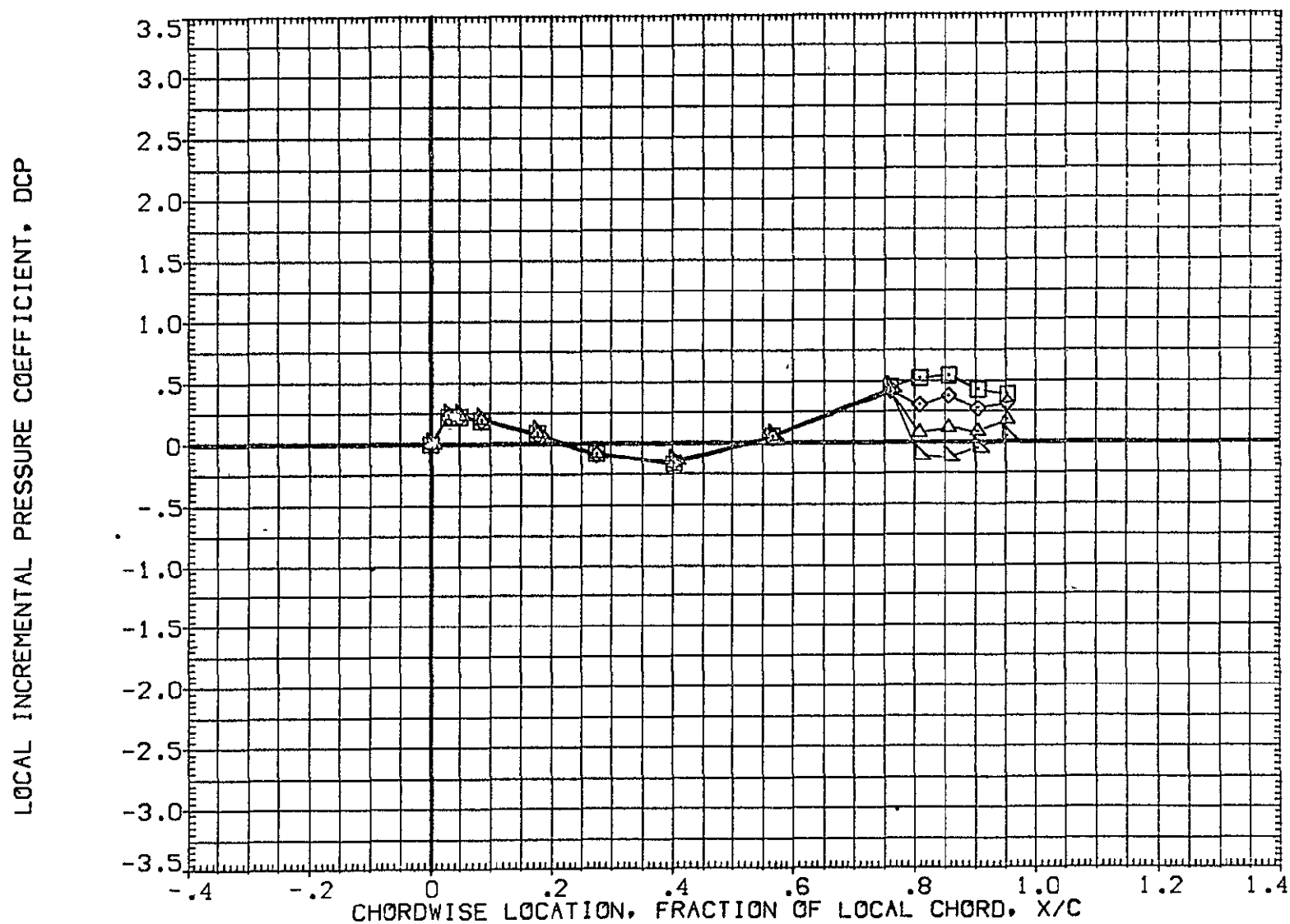


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 1245

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

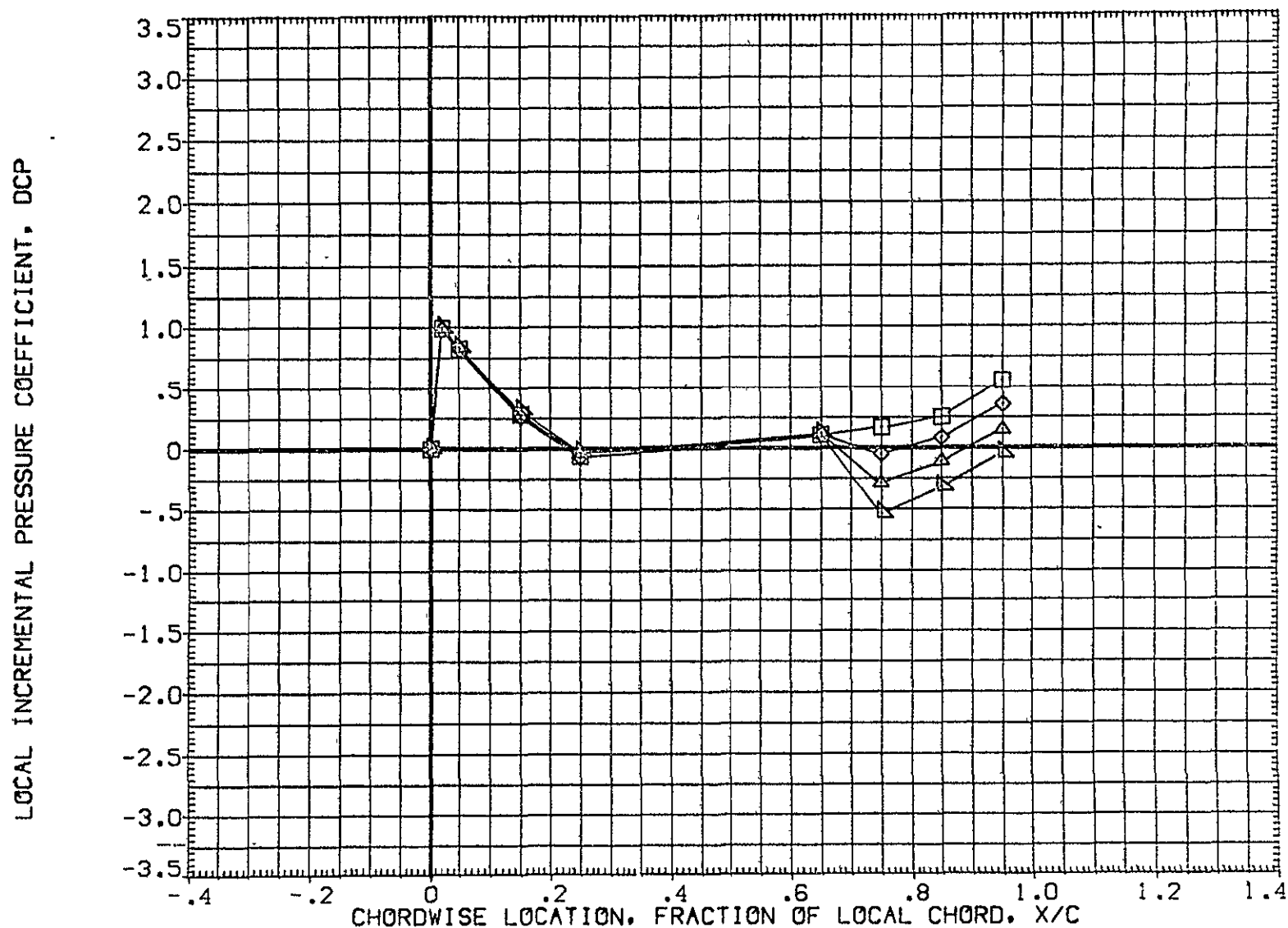


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 1246

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

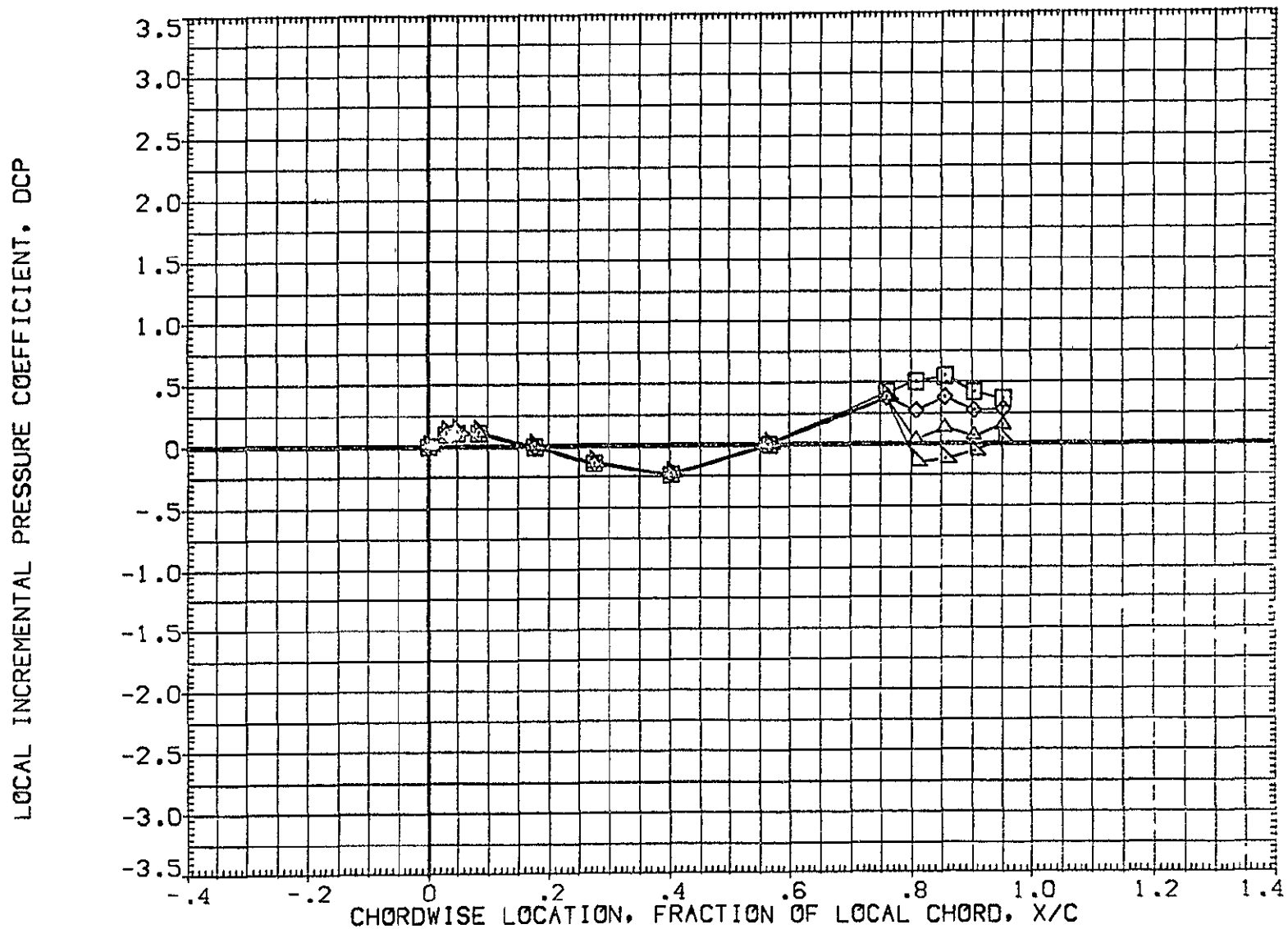


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 1247



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

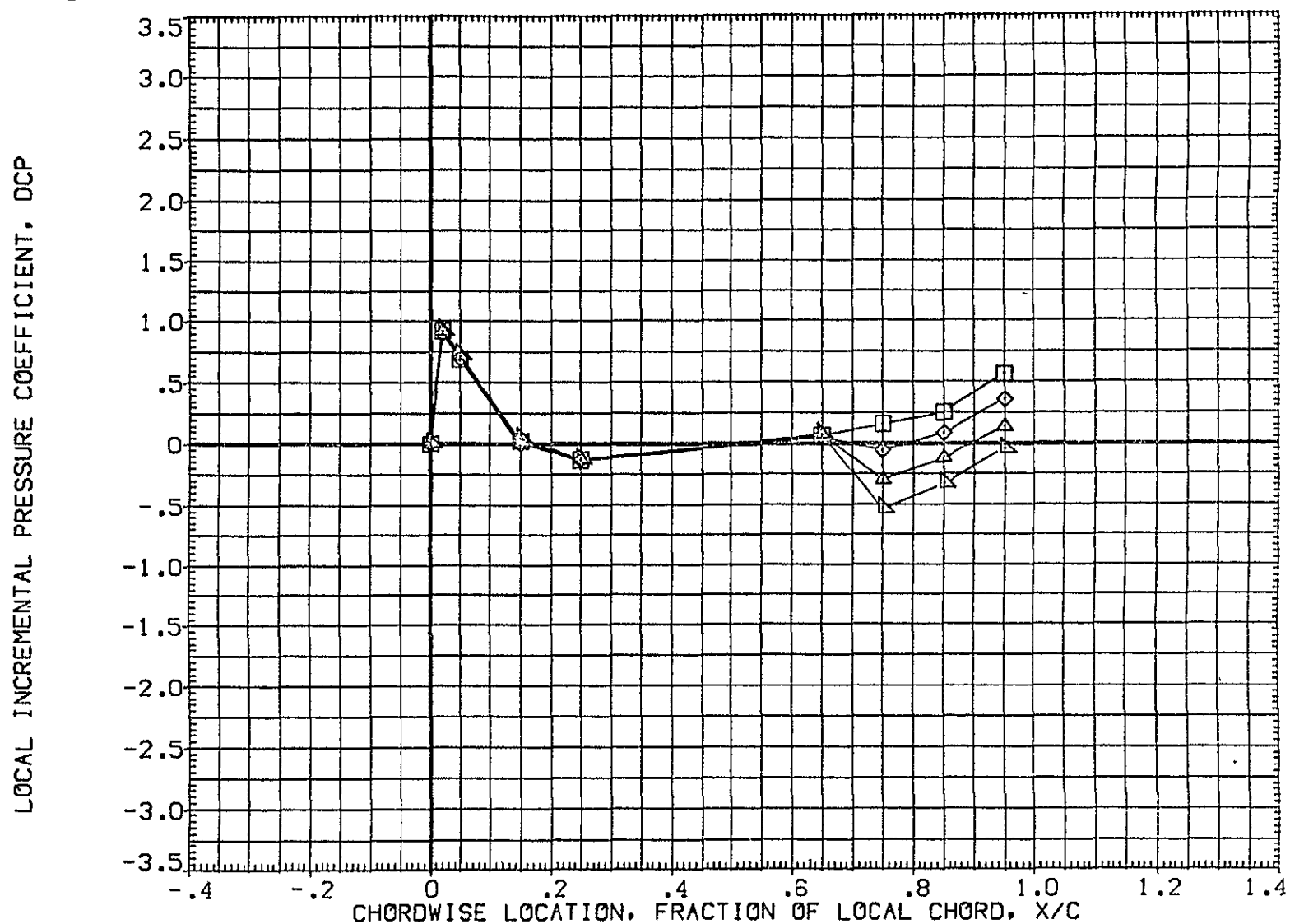


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

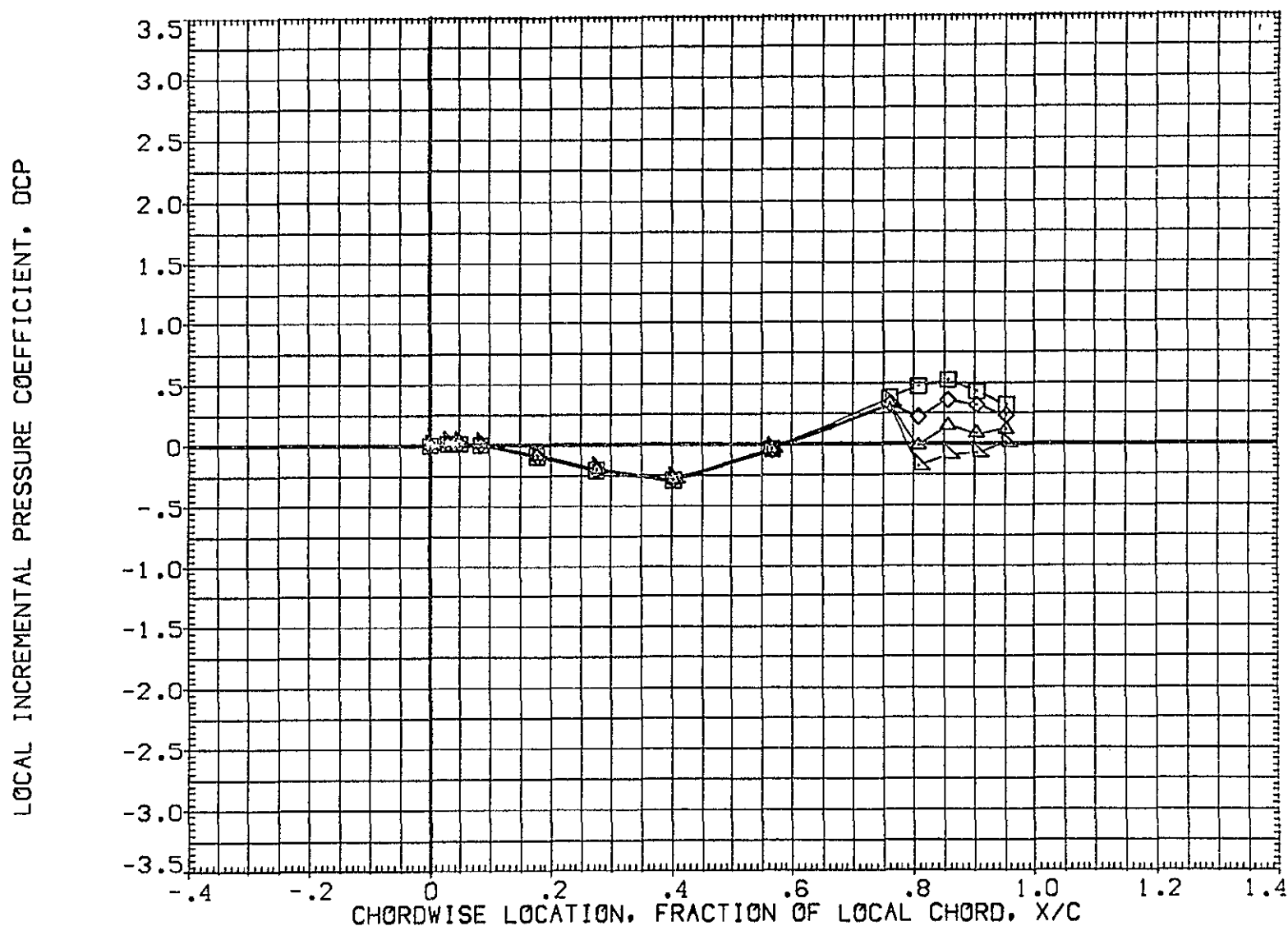


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

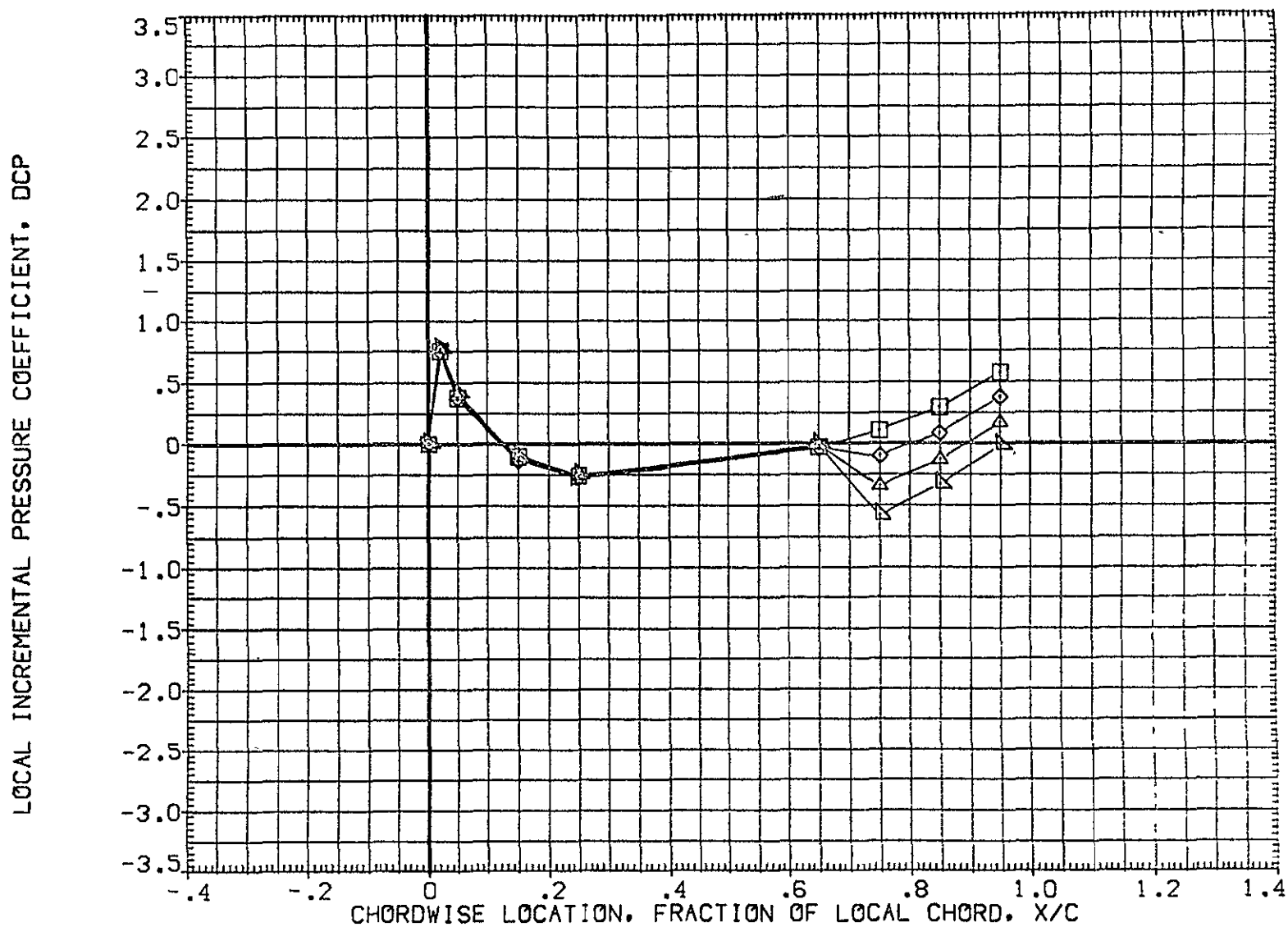


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

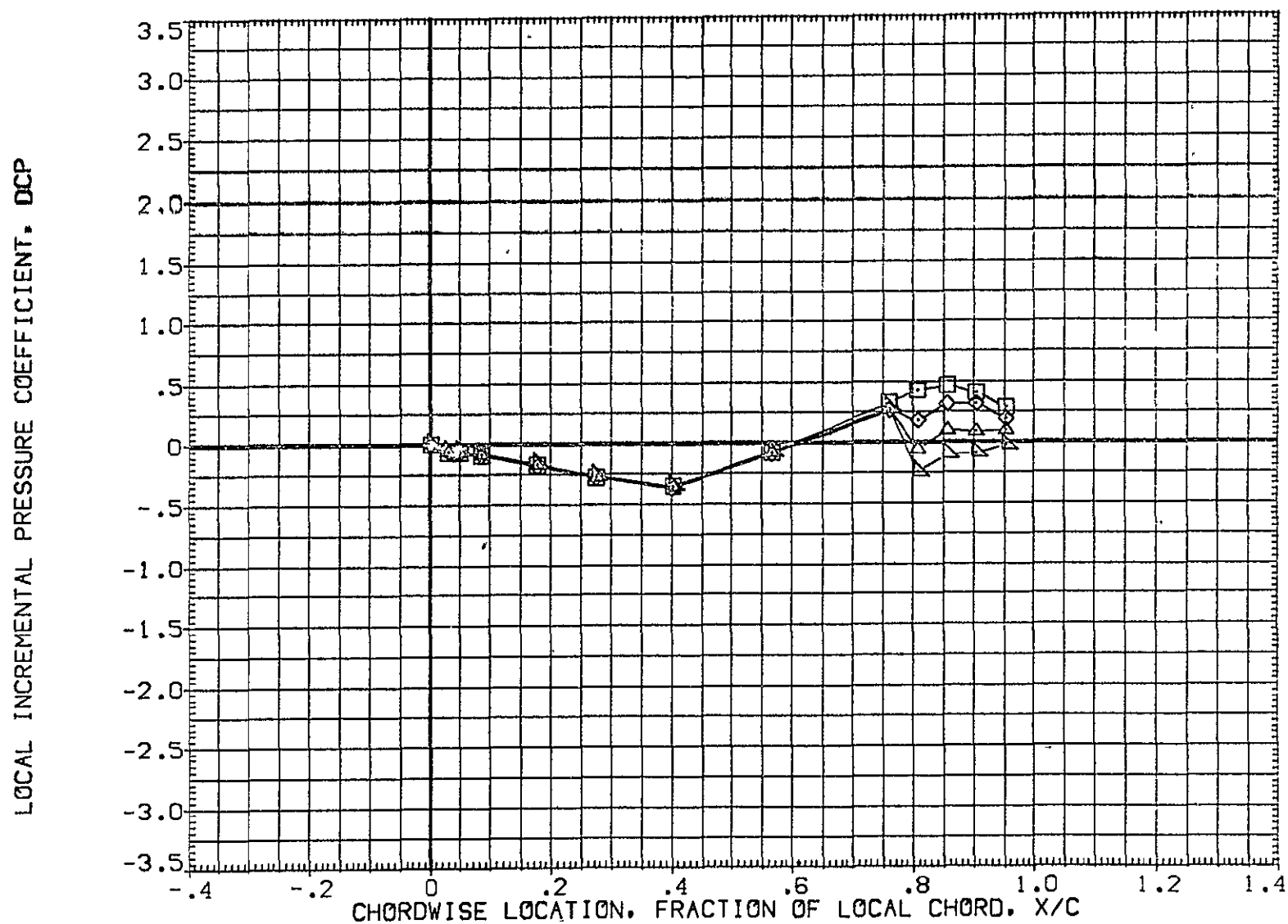


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

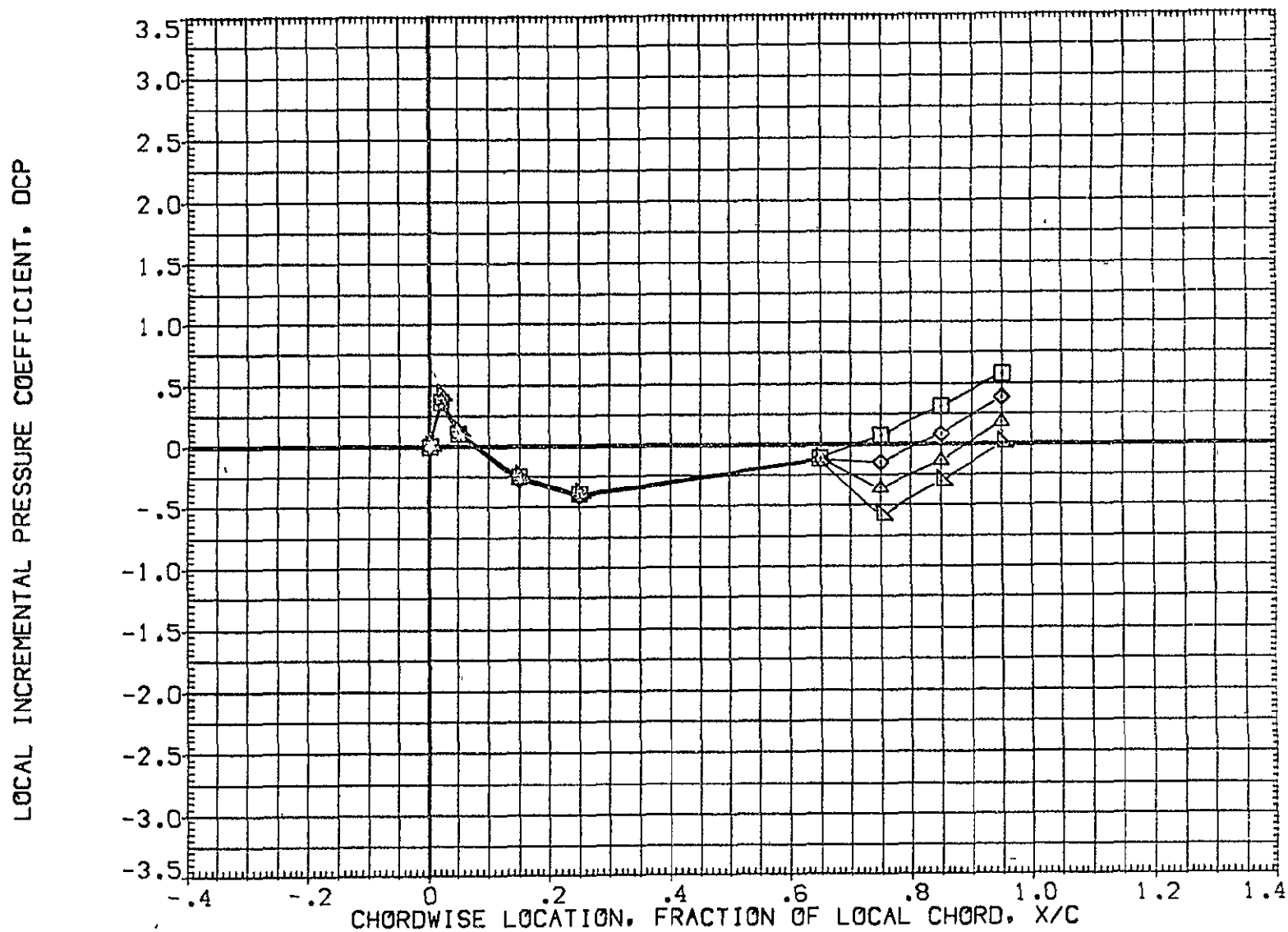


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

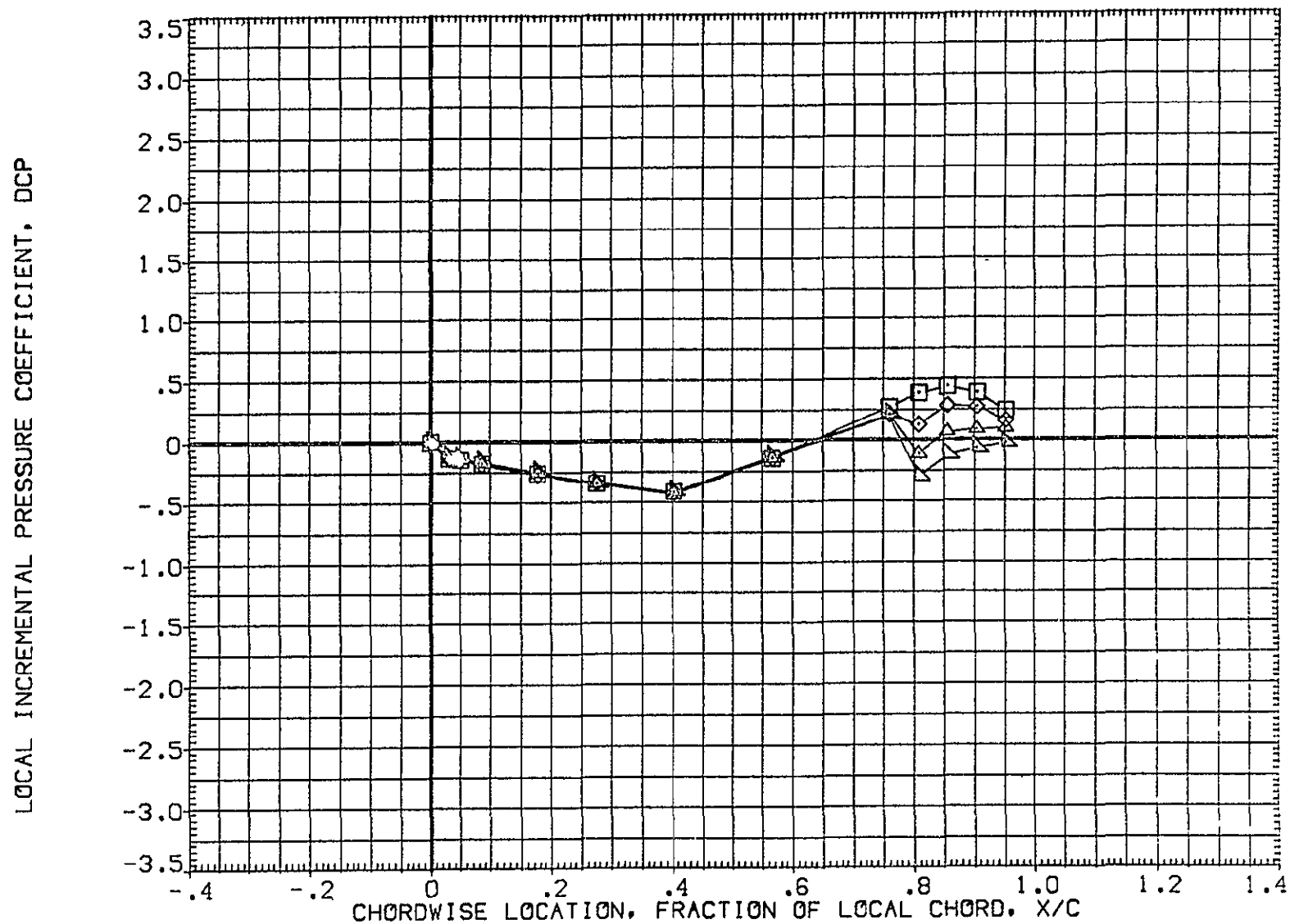


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

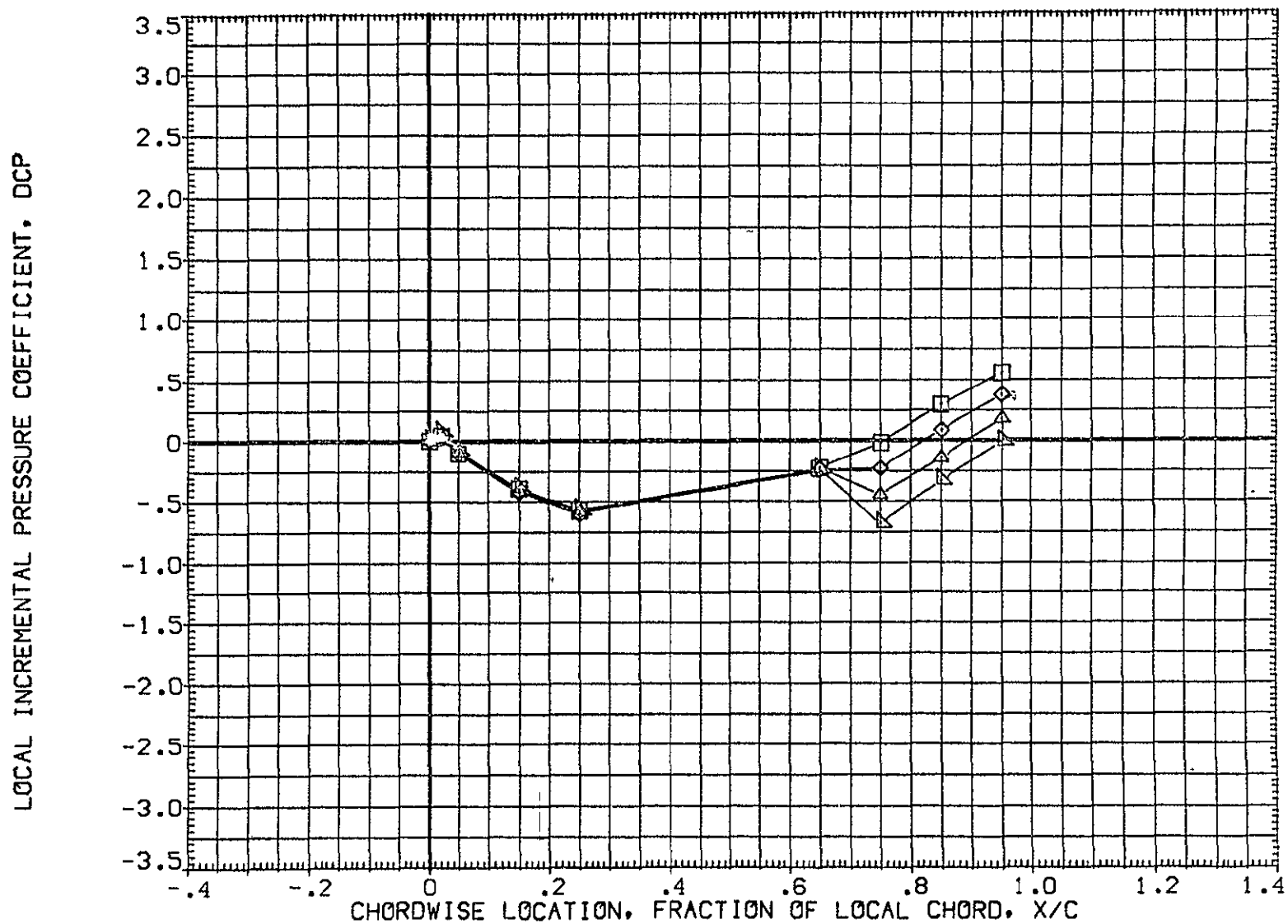


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	×	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

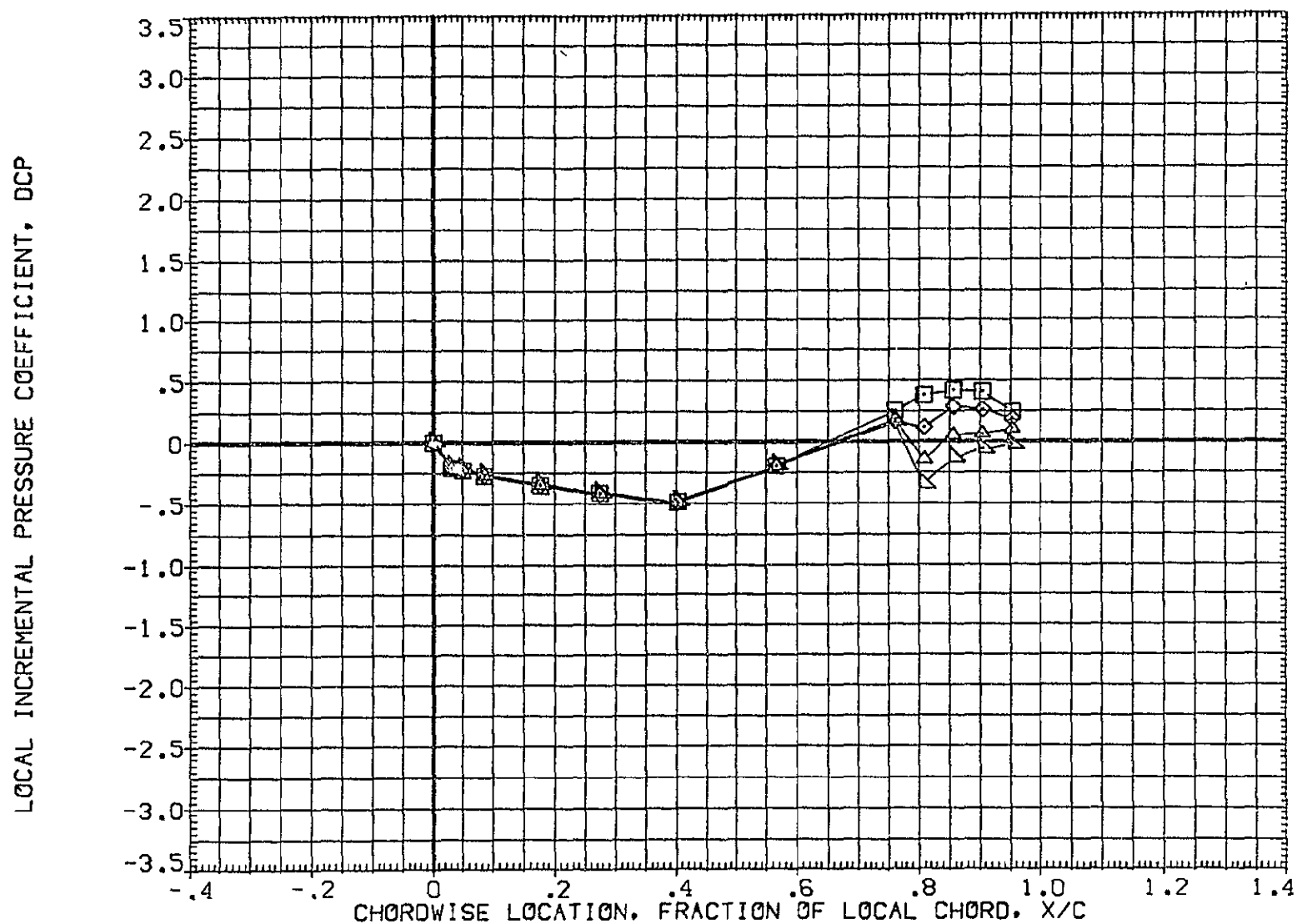


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 1255



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

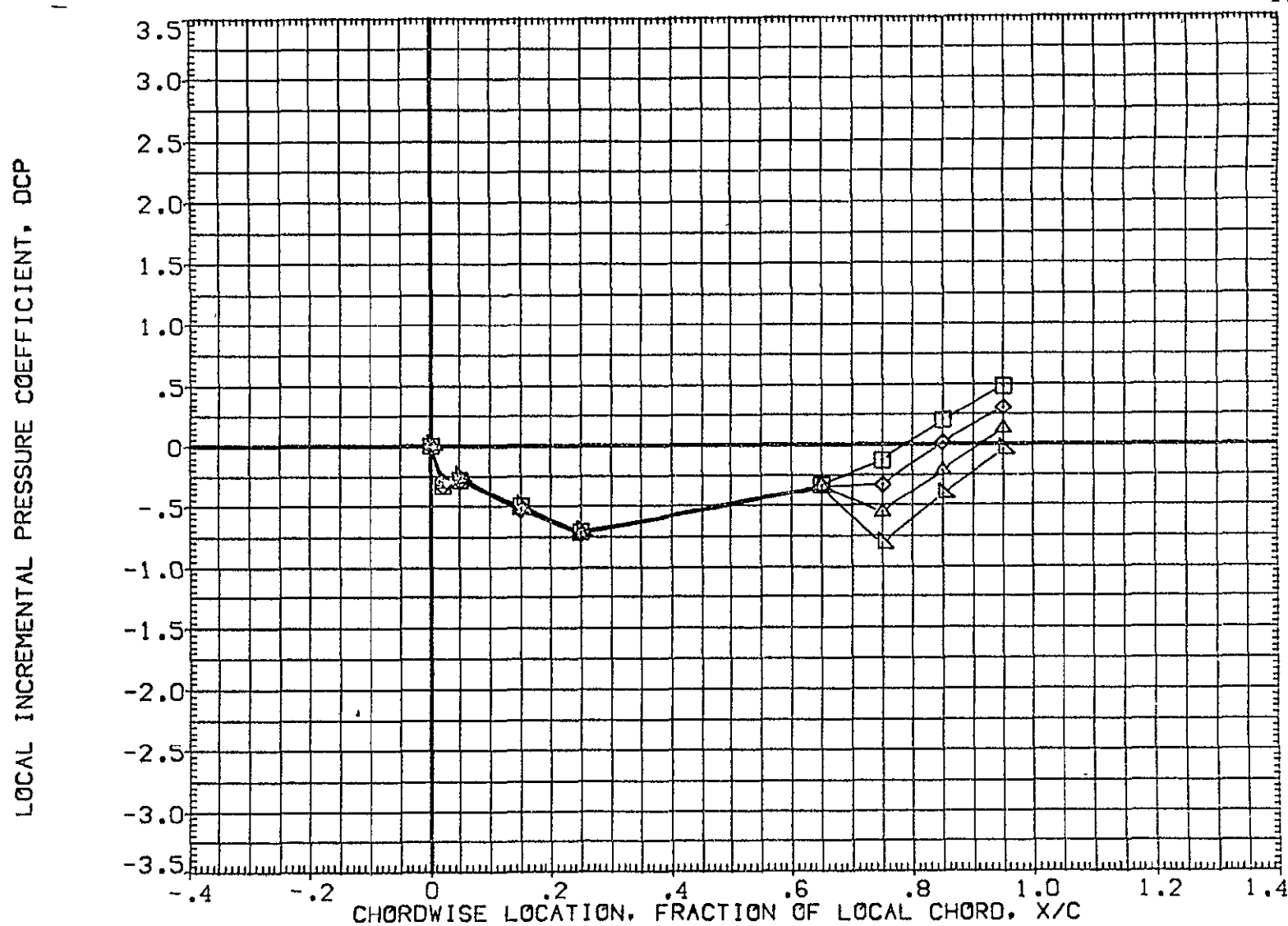


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
{AF7047}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

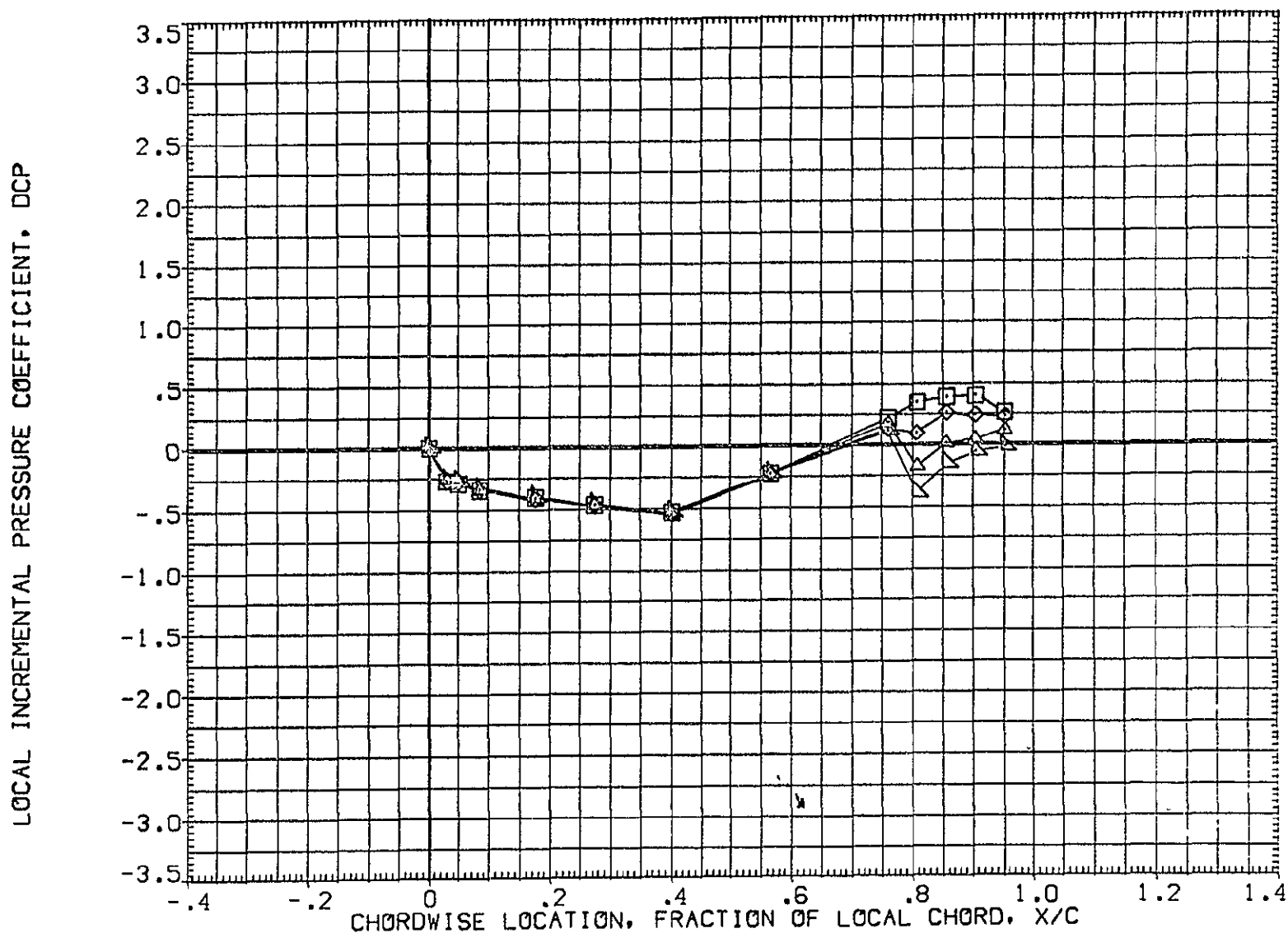


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 1257

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	DATA NOT AVAILABLE	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

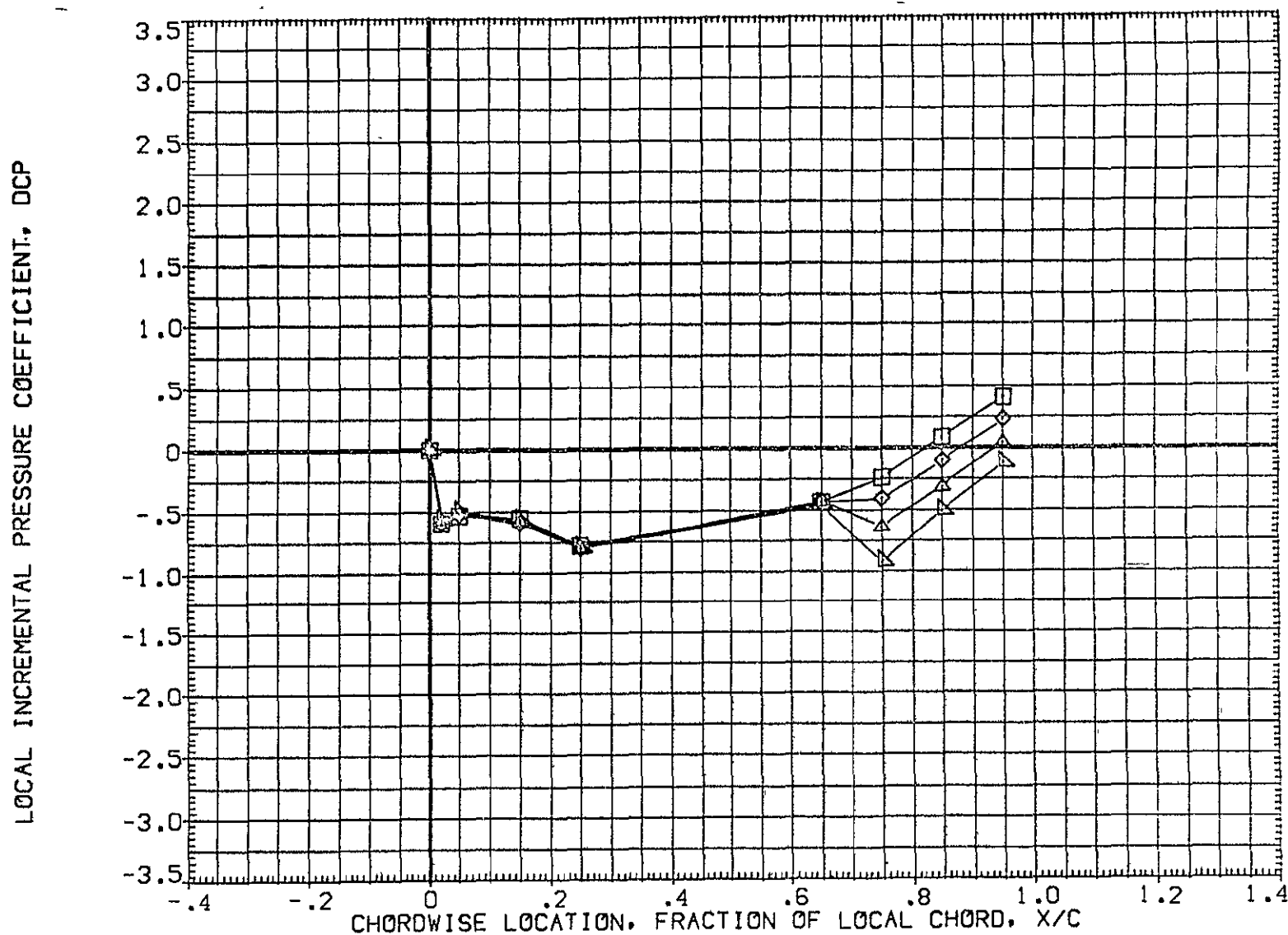


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

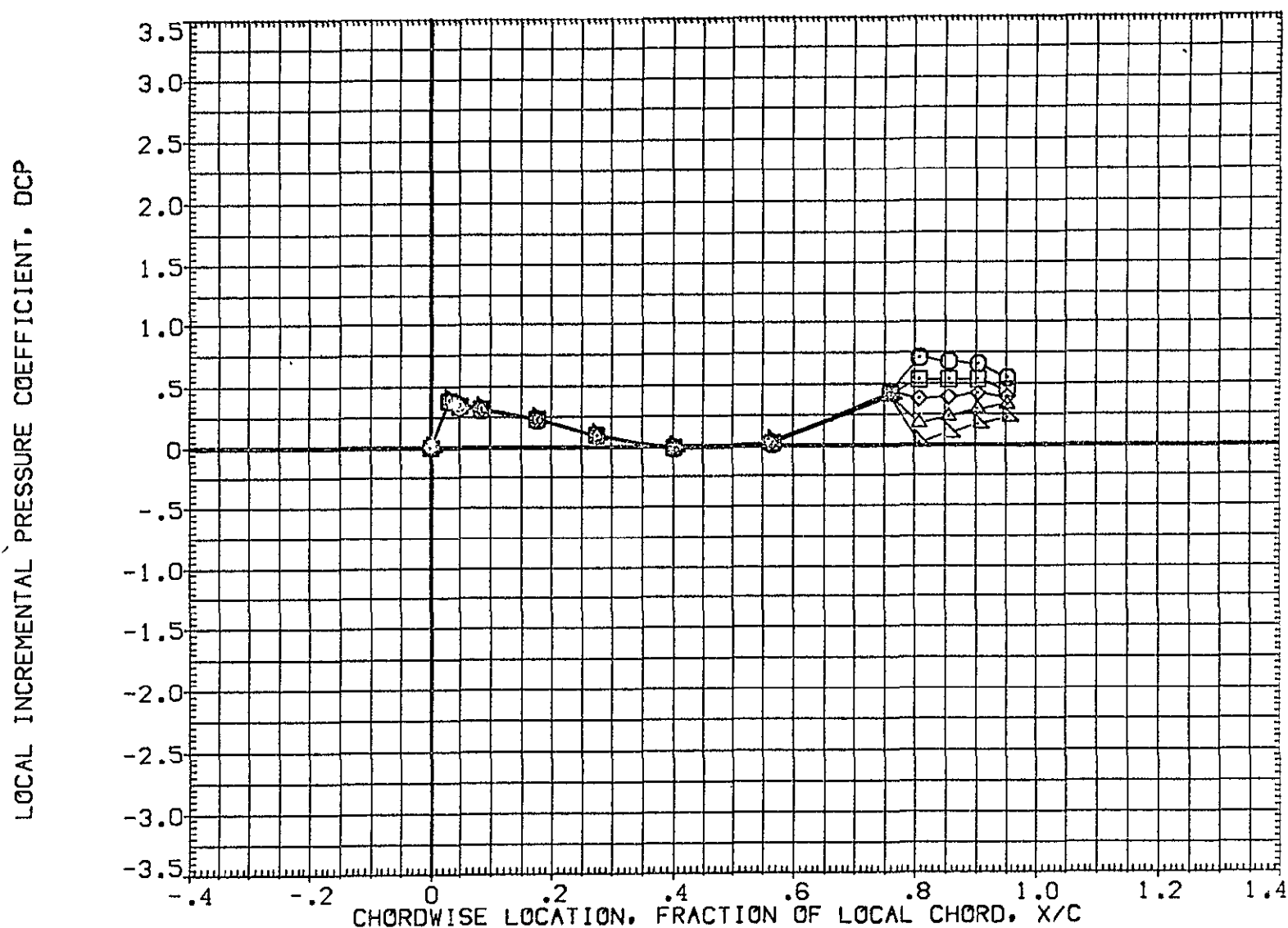


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -8.000 - 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

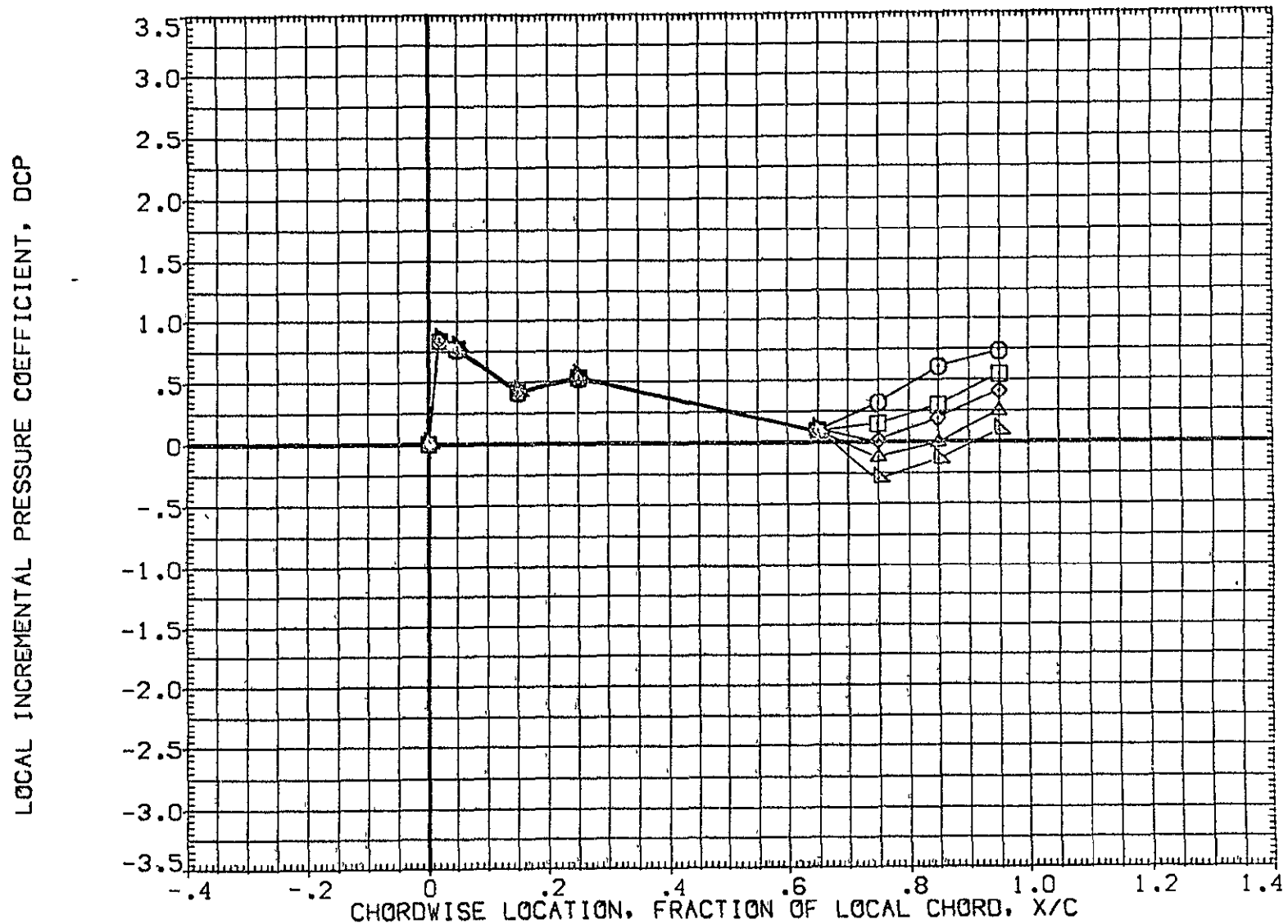


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

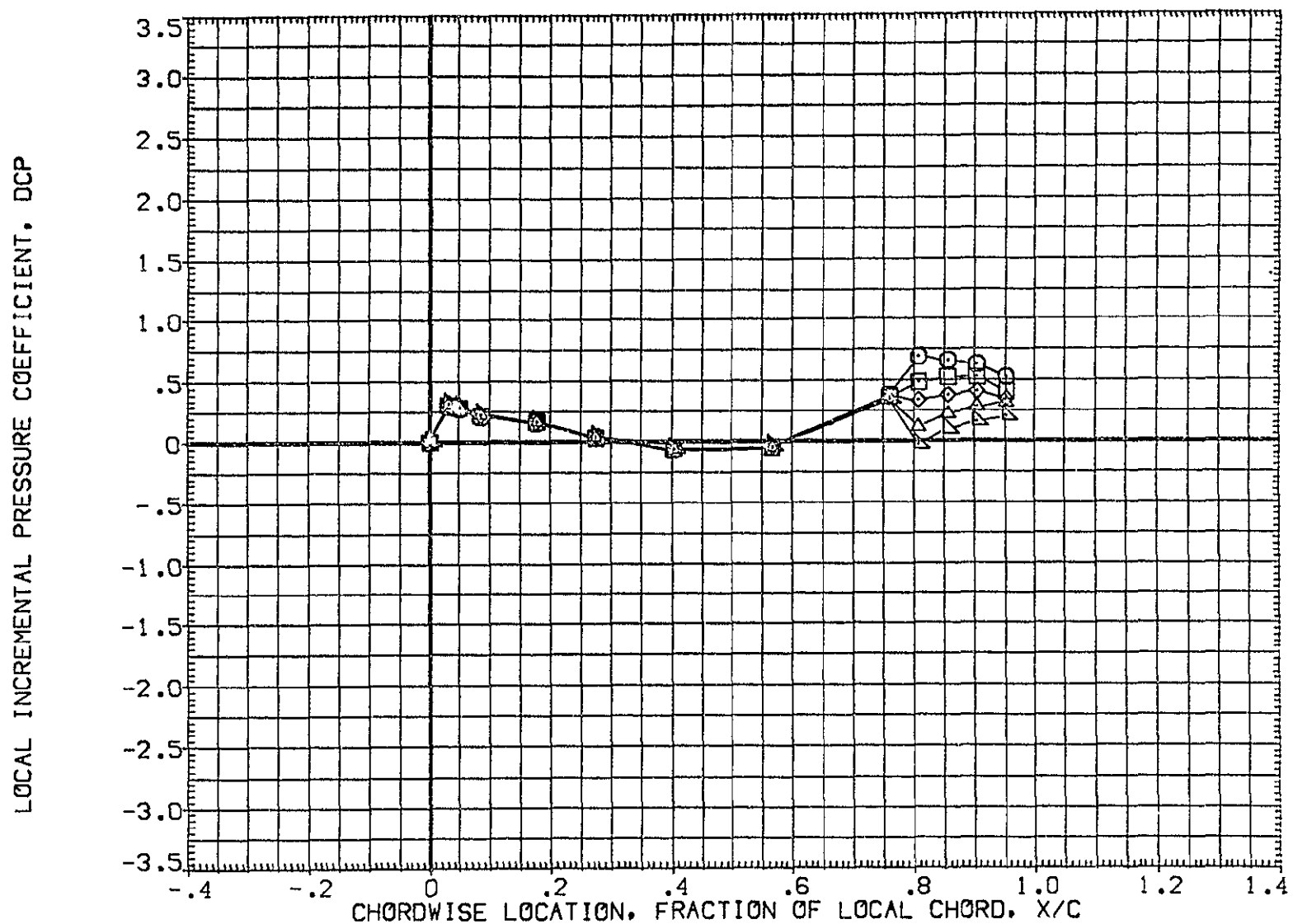


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -6.000 2Y/B = .436 PAGE 1261

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

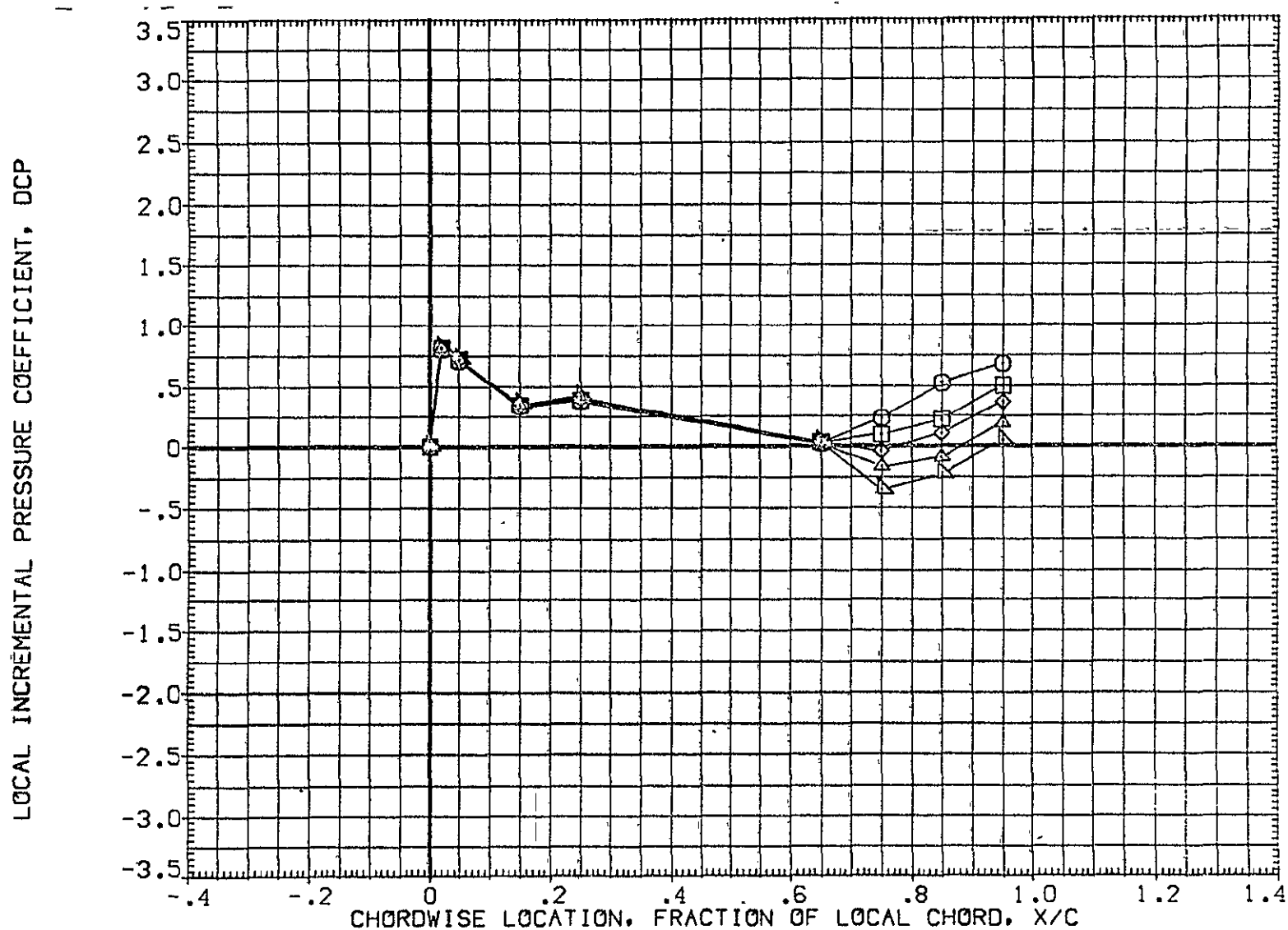


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -6.000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	◇	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	△	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	▽	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

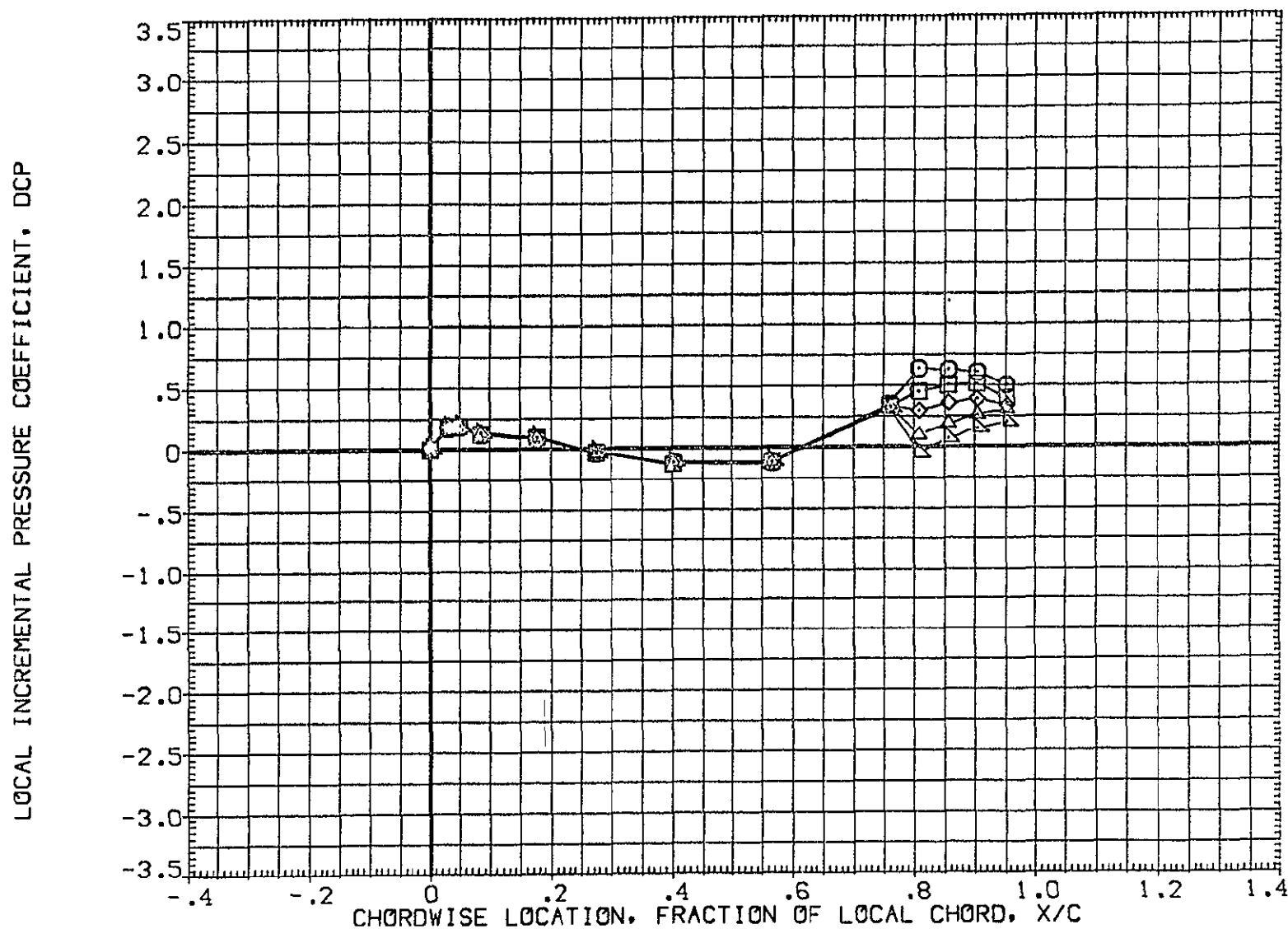


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = -4.000 2Y/B = .436 PAGE 1263



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7047}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

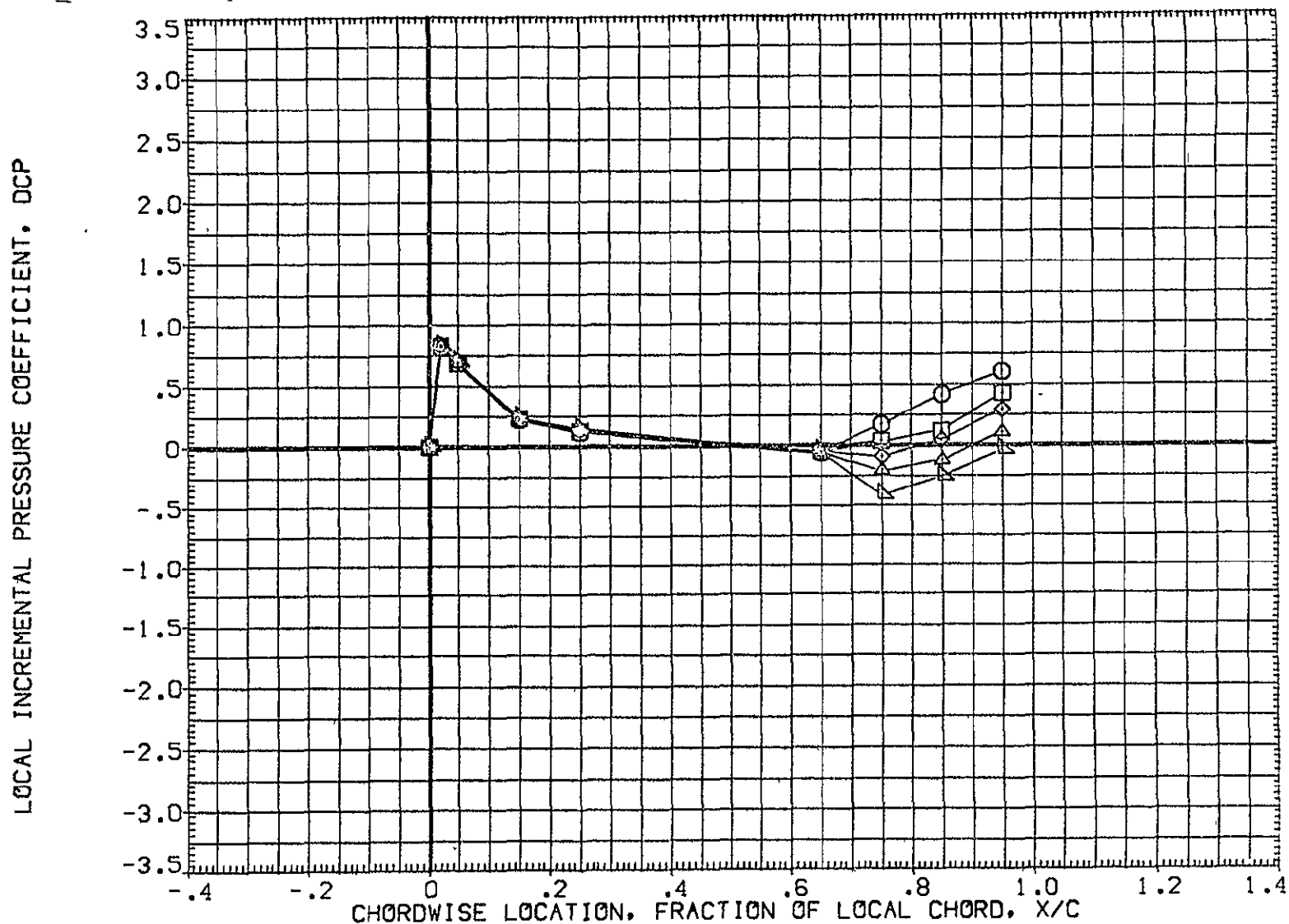


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -4.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	○	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	□	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	×	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	△	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7052)	▽	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

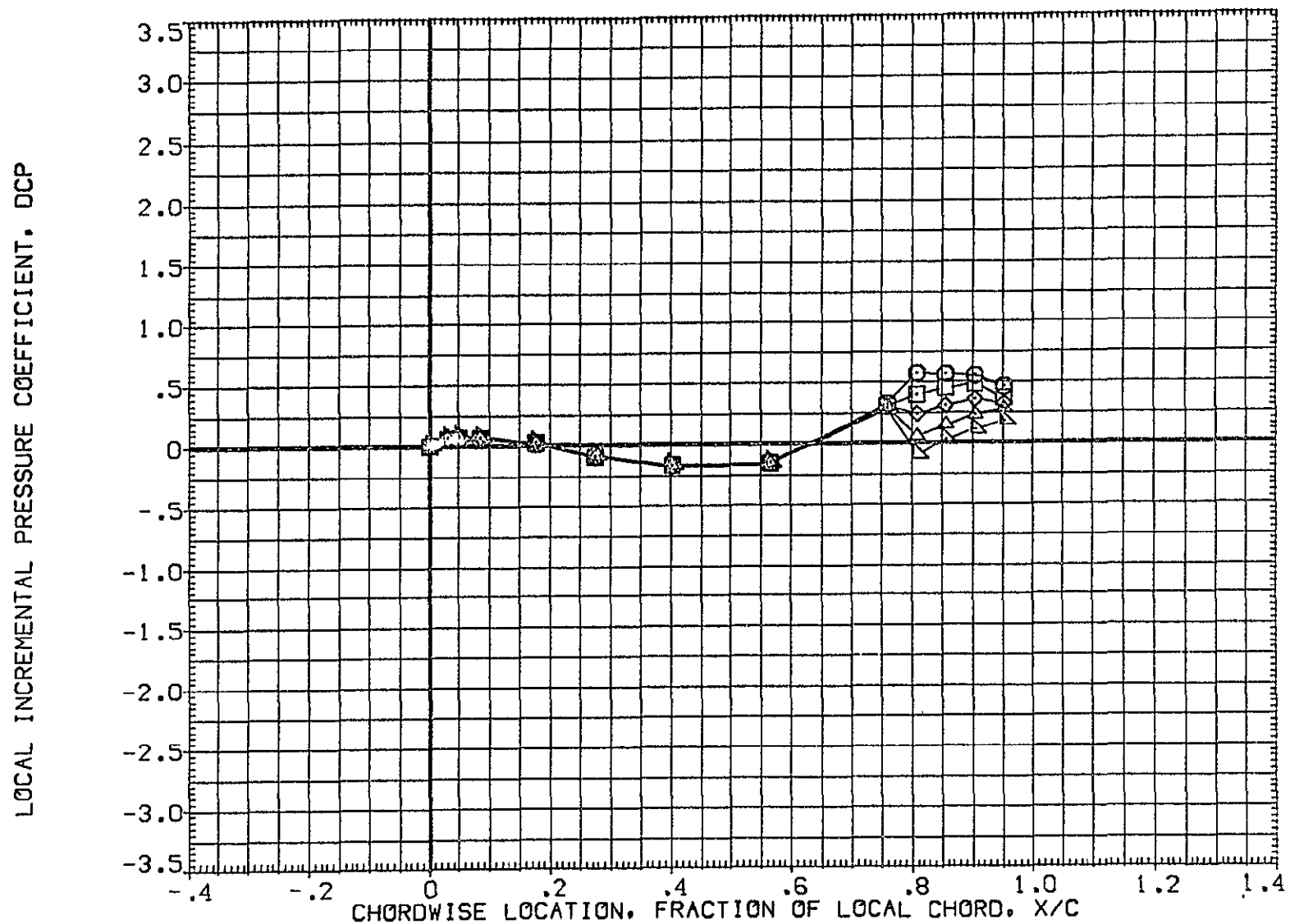


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION,  $\beta = -8$   
MACH = 1.500 ALPHA = -2.000  $2Y/B = .436$  PAGE 1265

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

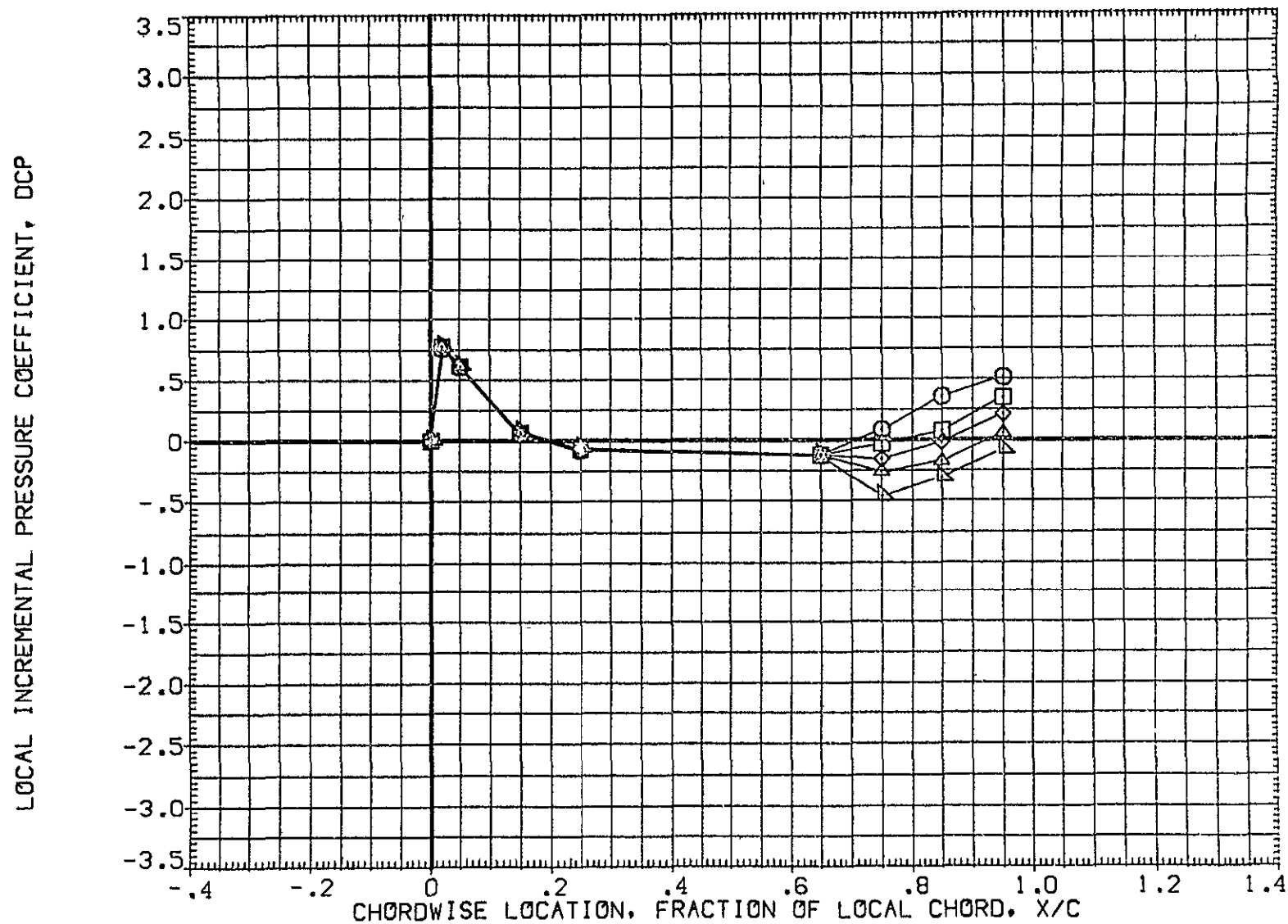


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

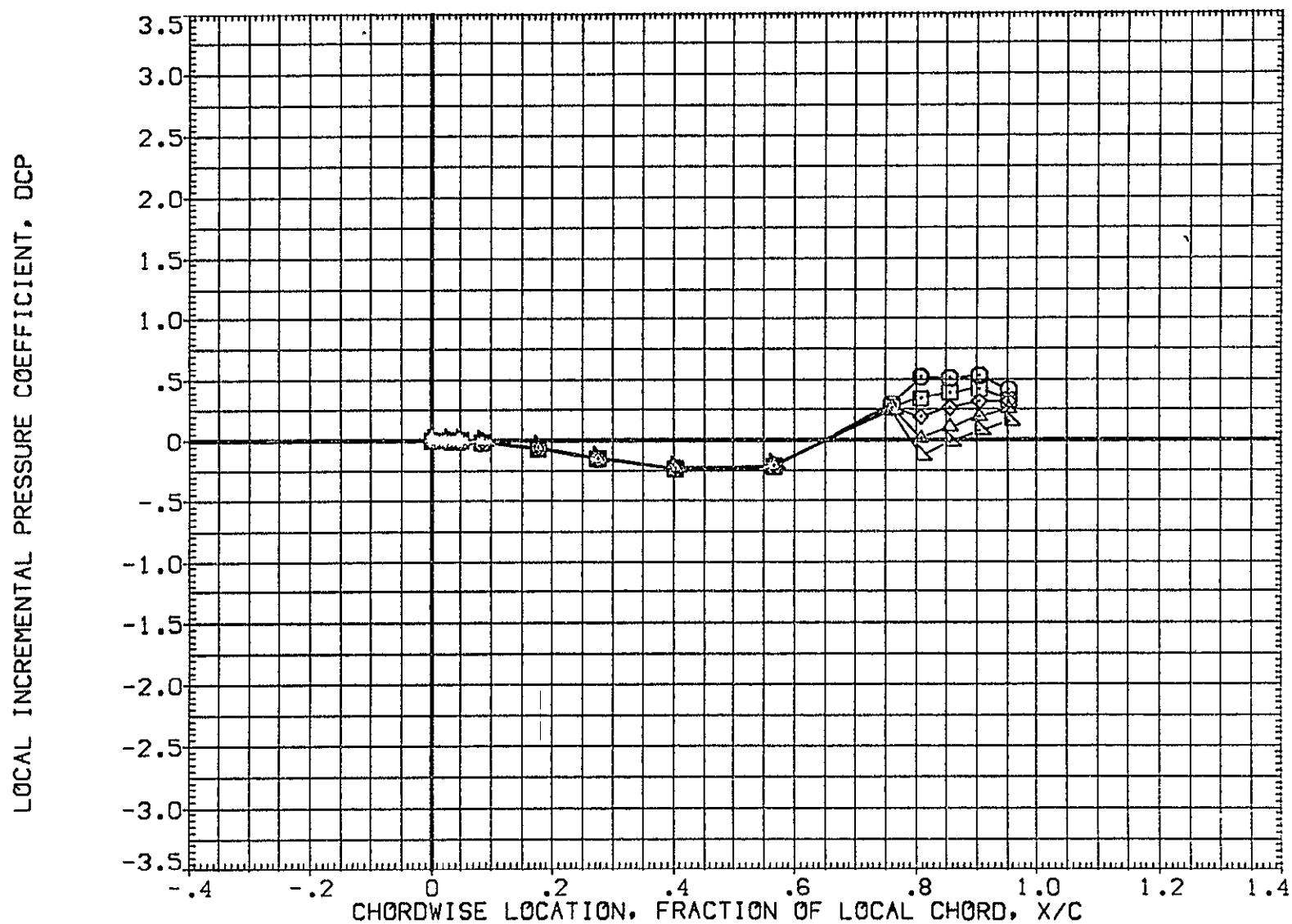


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = .000 2Y/B = .436 PAGE 1267

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

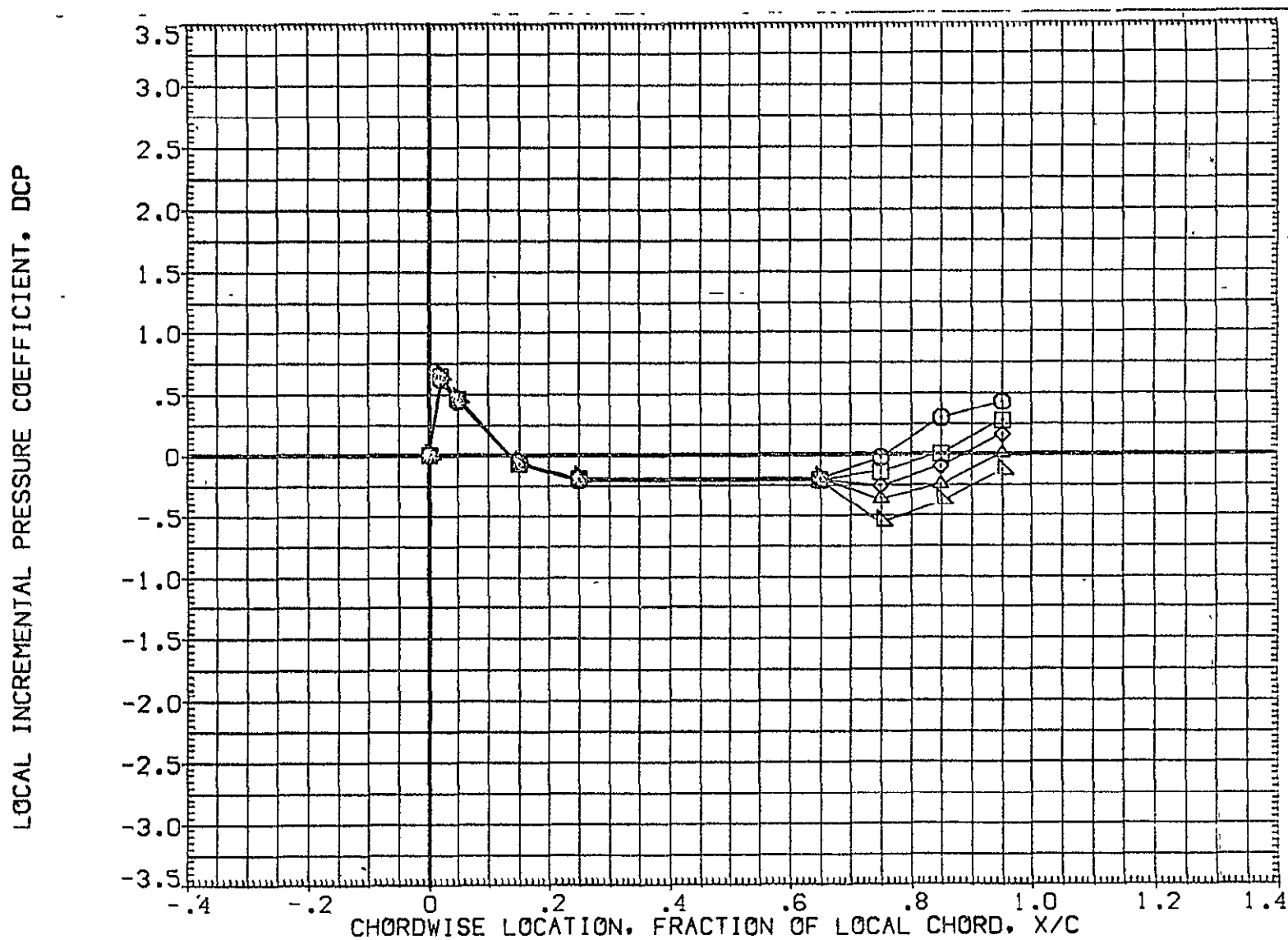


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8

MACH = 1.500 ALPHA = .000 2Y/B = .771

DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7055]	○	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7047]	□	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	◇	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7037]	×	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7052]	△	IA70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

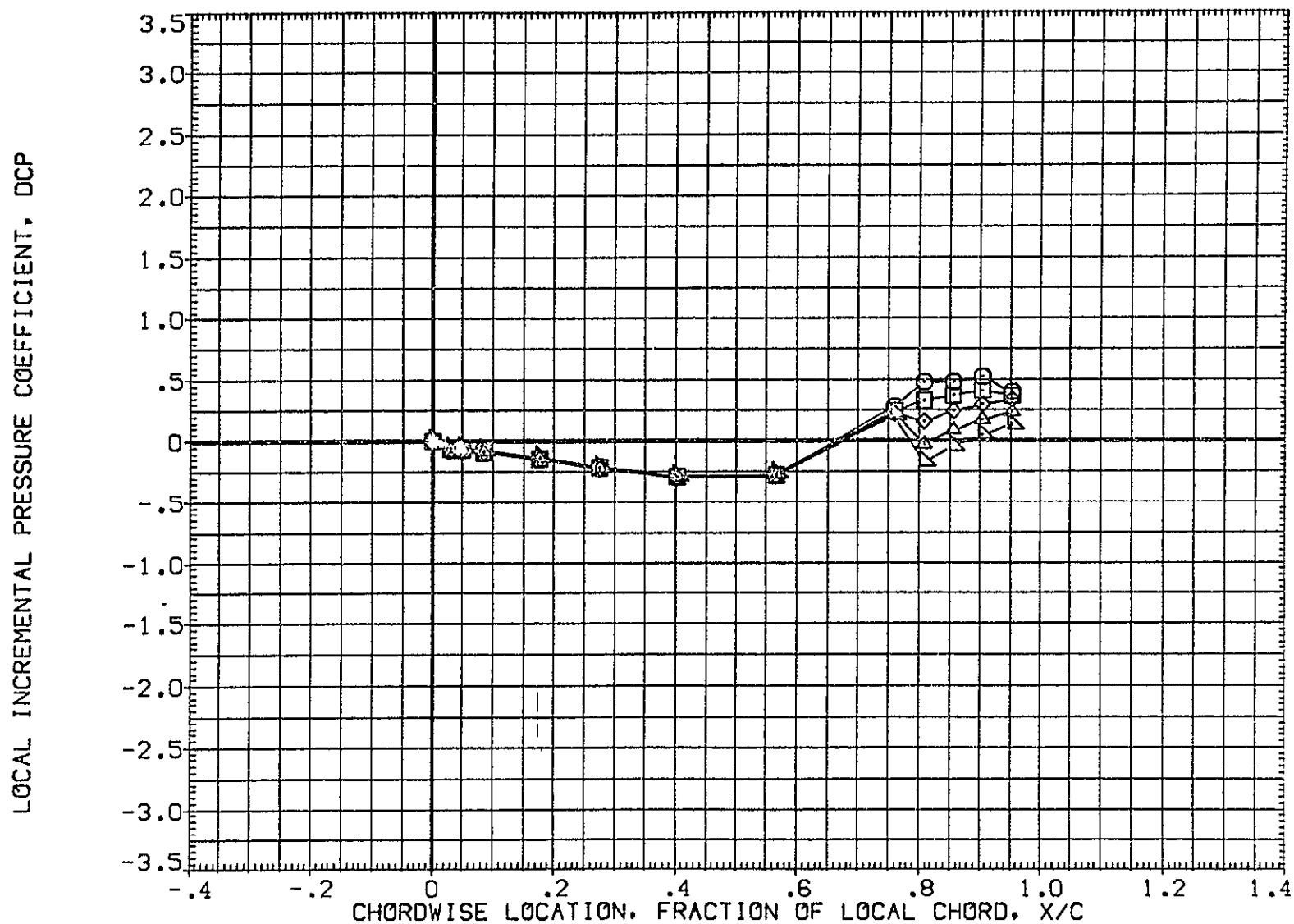


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 2.000  $2Y/B = .436$  PAGE 1269

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7047}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	{A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

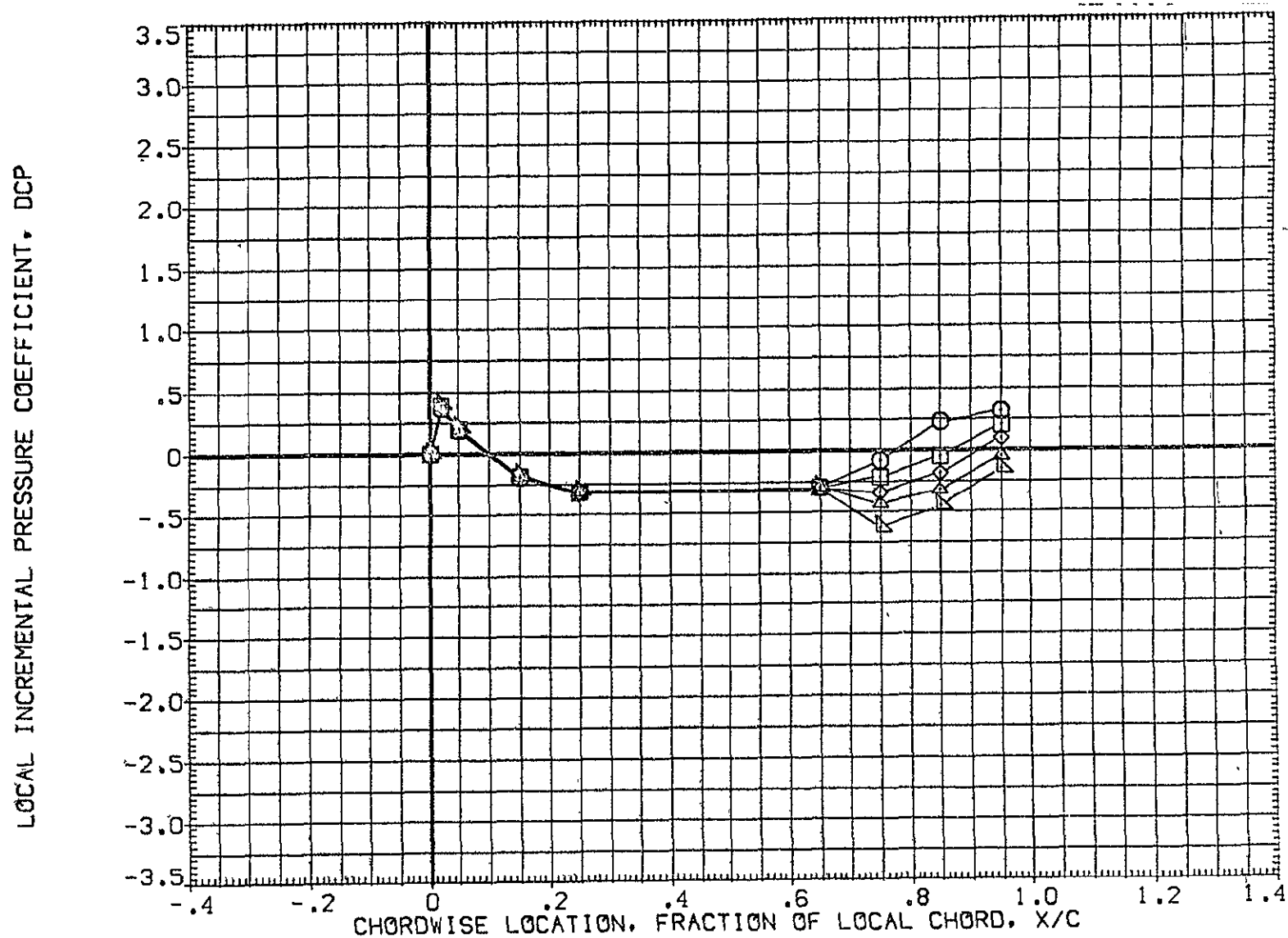


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 2.000 2Y/B = .771 PAGE 1270

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

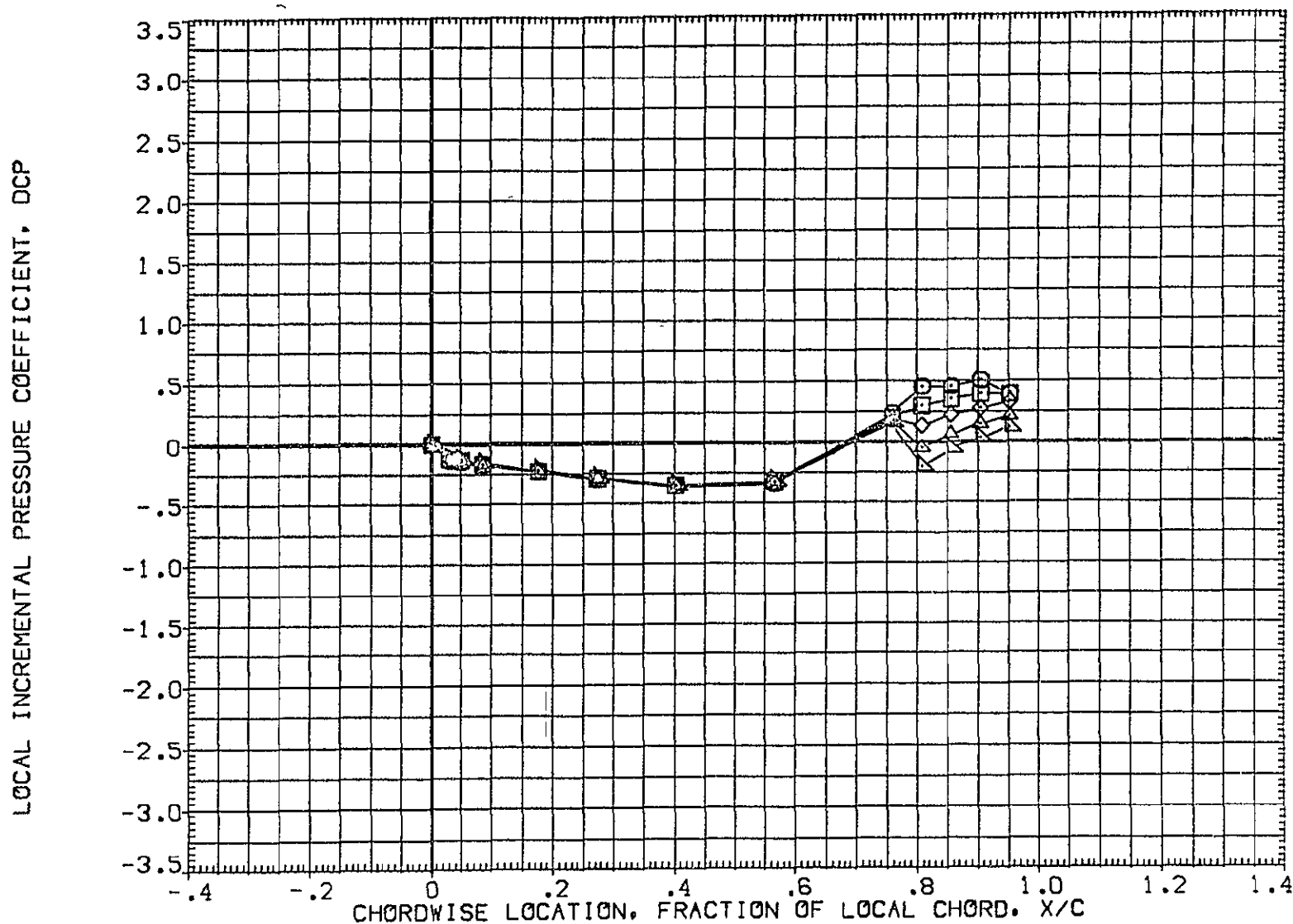


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 4.000 2Y/B = .436 PAGE 1271



DATA SET	SYMBOL	CONFIGURATION	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7065}	□	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
{AF7047}	○	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7052}	◇	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
{AF7057}	△	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7062}	▽	1A70	01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

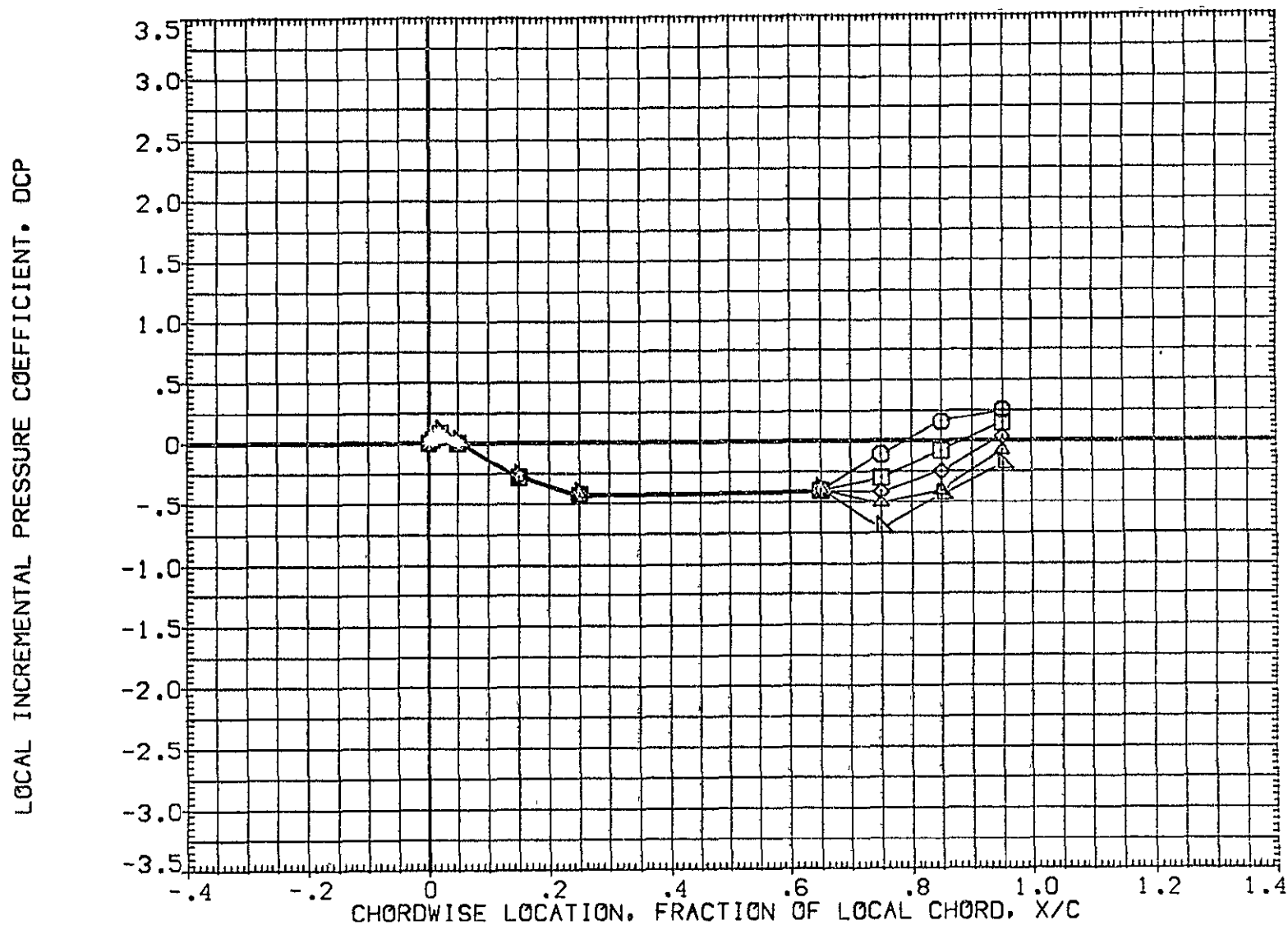


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 4.000 2Y/B = .771 PAGE 1272

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7065)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
(AF7047)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7052)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
(AF7057)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7062)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

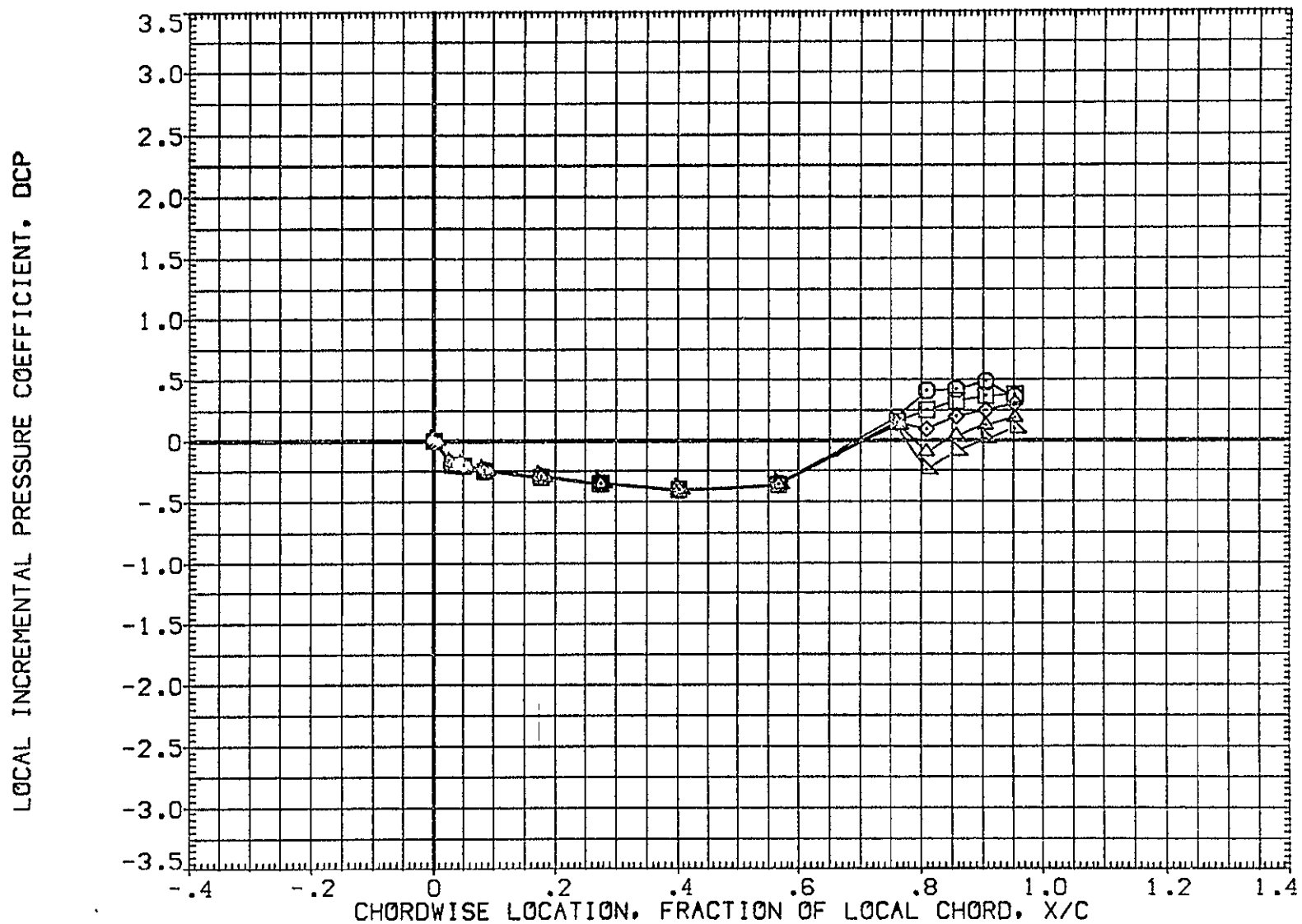


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 6.000 2Y/B = .436 PAGE 1273

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7047]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	[A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

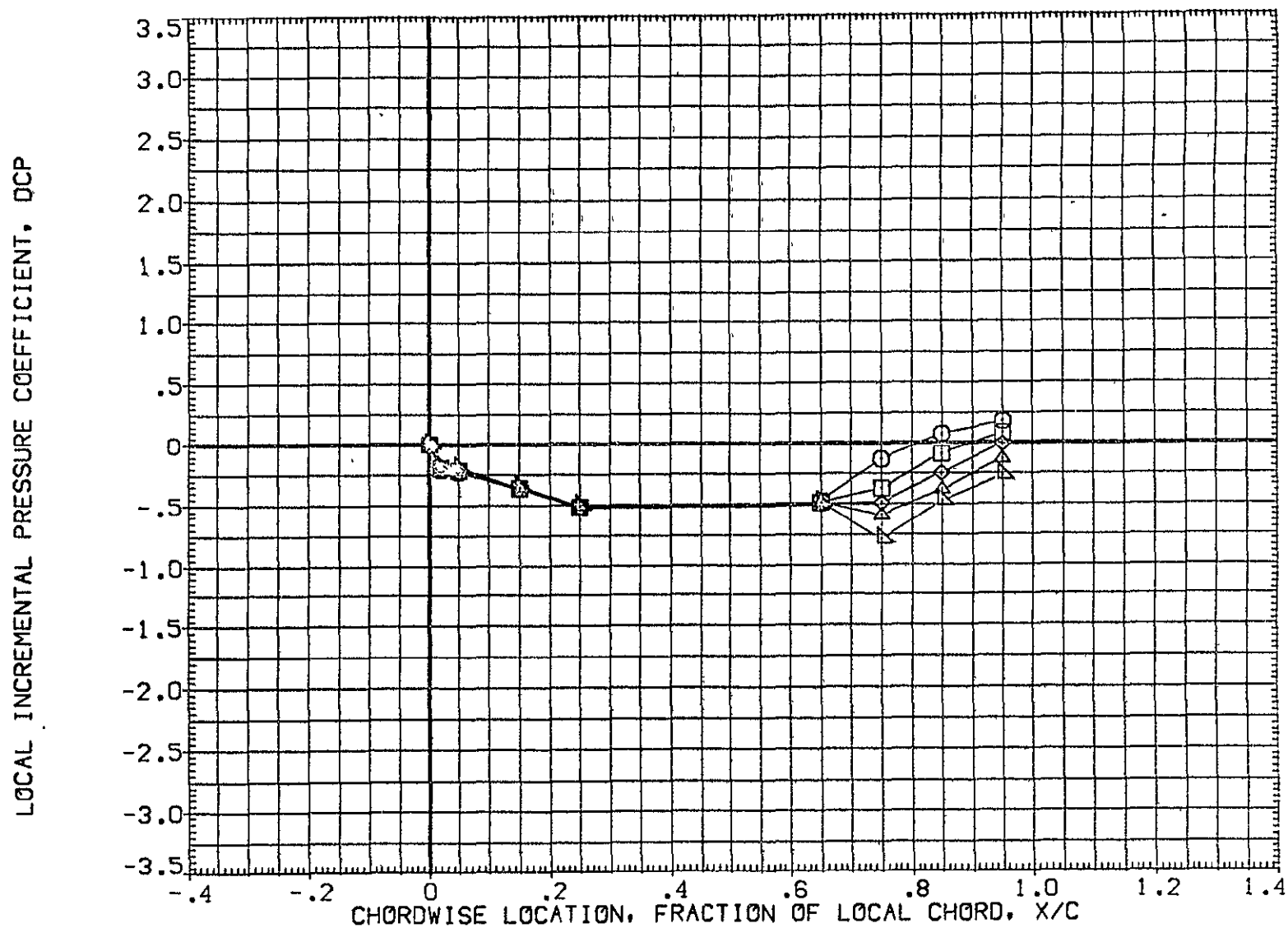


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 6.000 2Y/B = .771 PAGE 1274

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7065]	○	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7047]	□	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	◇	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	△	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	▽	A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

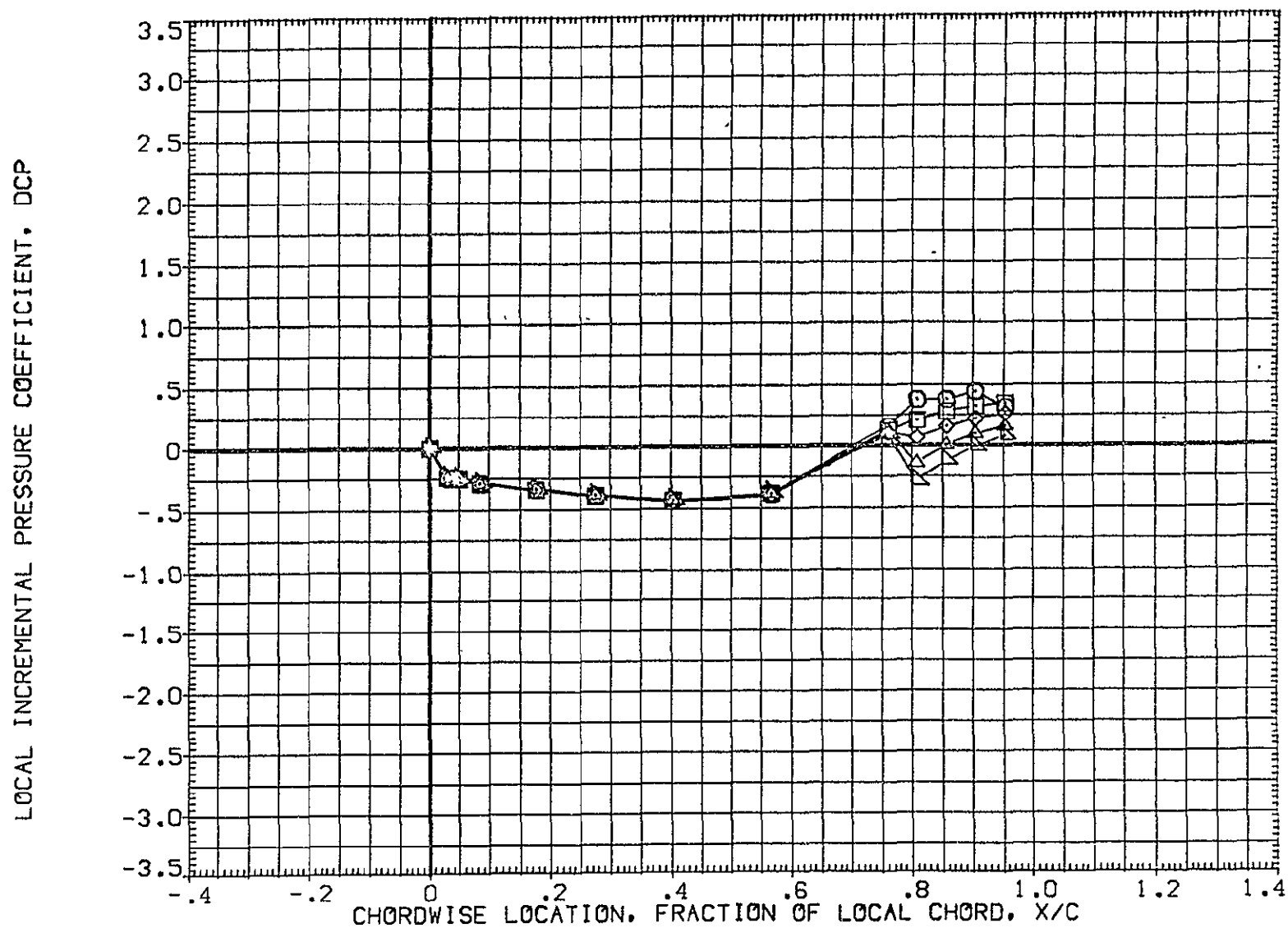


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 8.000 2Y/B = .436 PAGE 1275

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7055]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	-4.000	.000	-4.000	-4.000
[AF7047]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7052]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	4.000	4.000	4.000	4.000
[AF7057]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7062]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	12.000	12.000	12.000

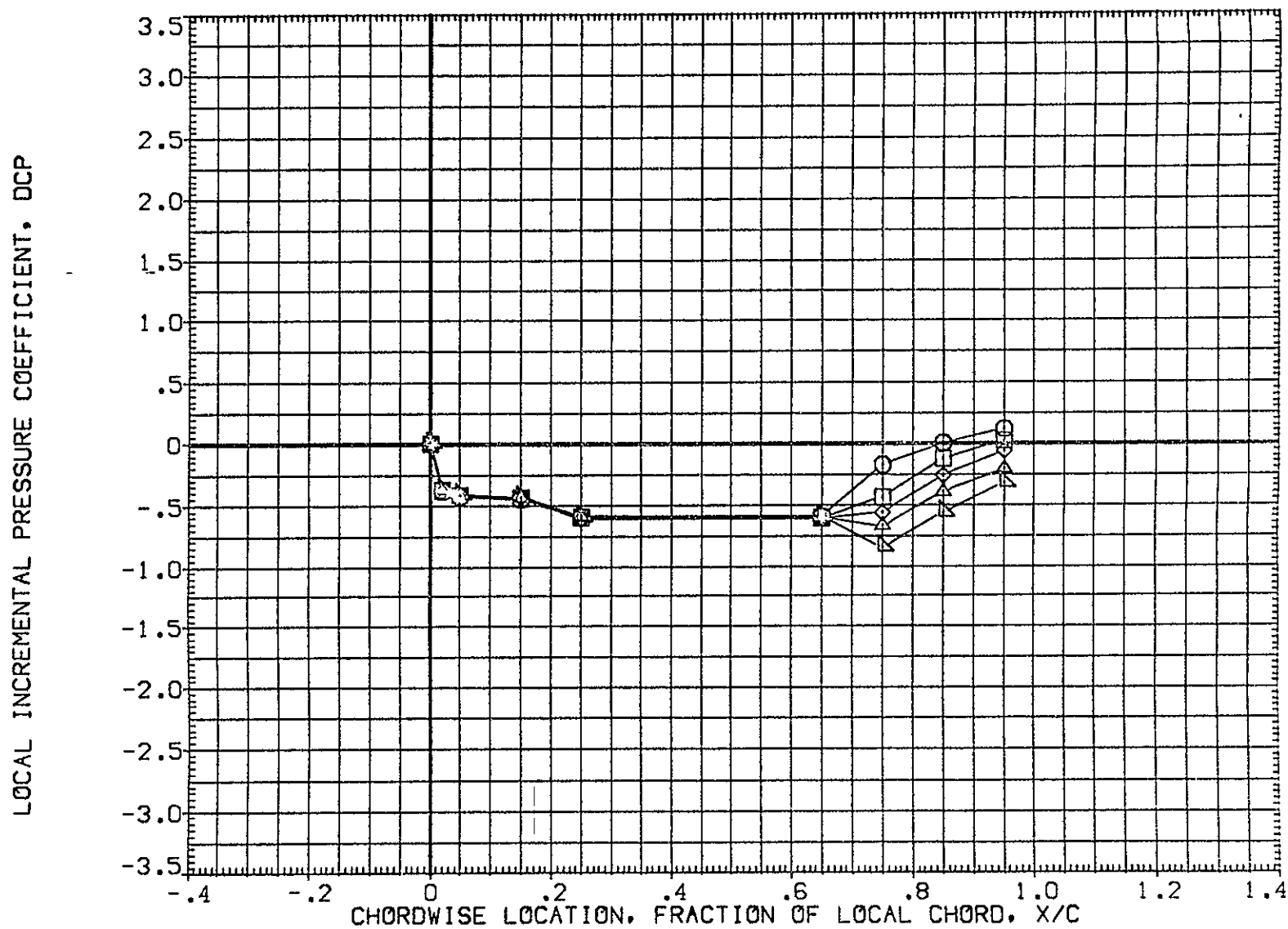


FIG 29 WING PRESSURE DISTRIBUTION DUE TO ELEVON DEFLECTION, BETA = -8  
MACH = 1.500 ALPHA = 8.000 2Y/B = .771 PAGE 1276

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

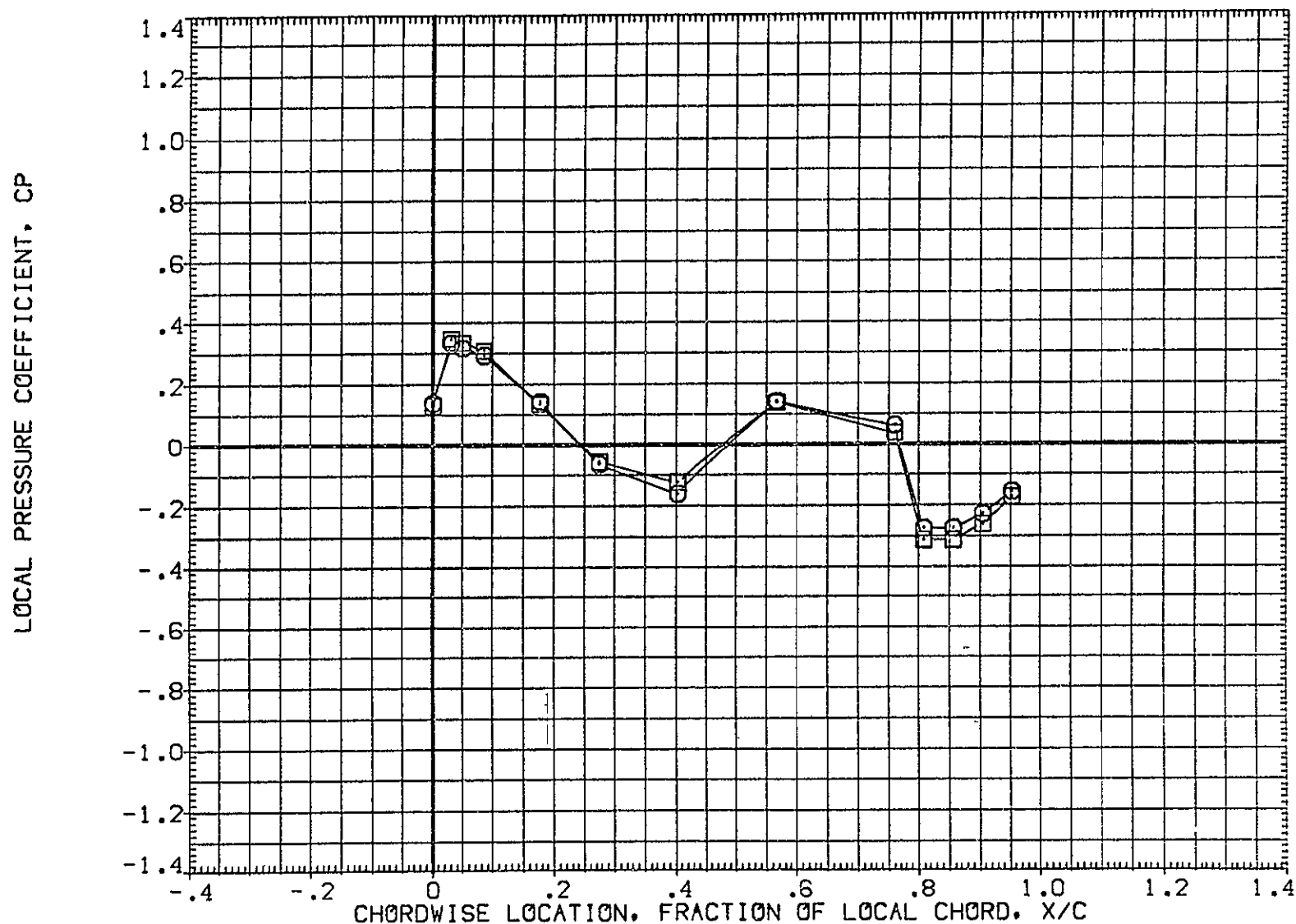


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

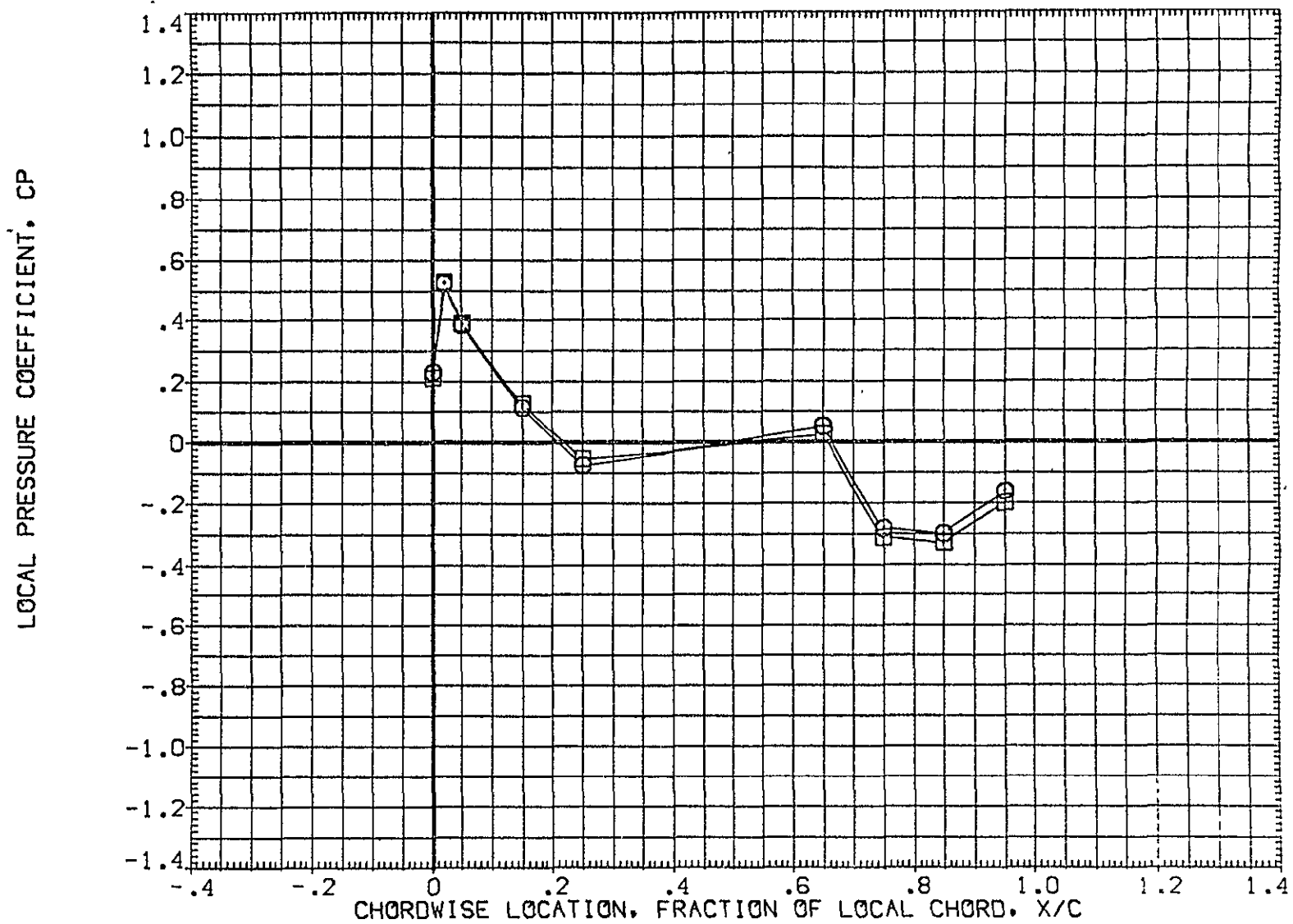


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

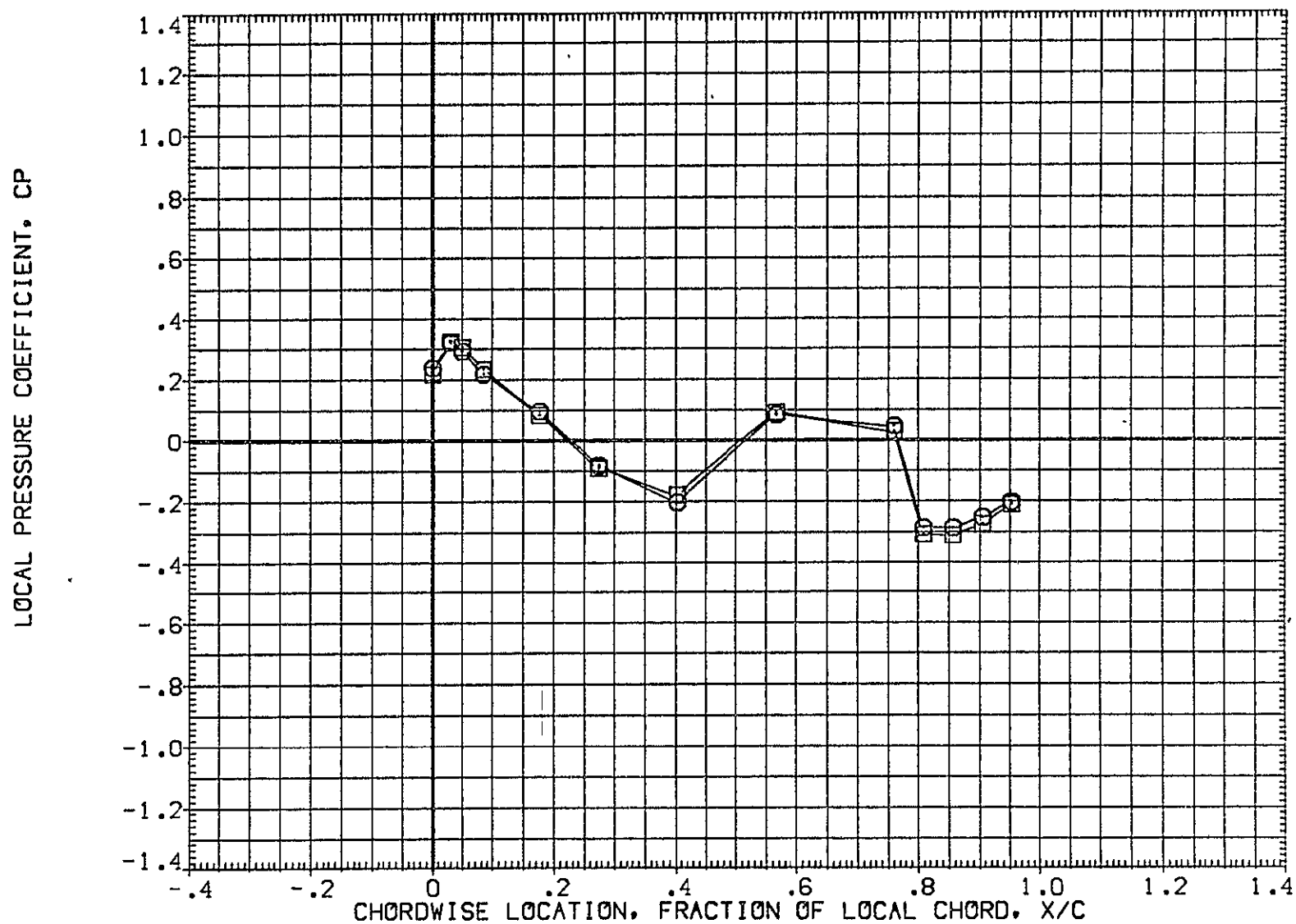


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 1279



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

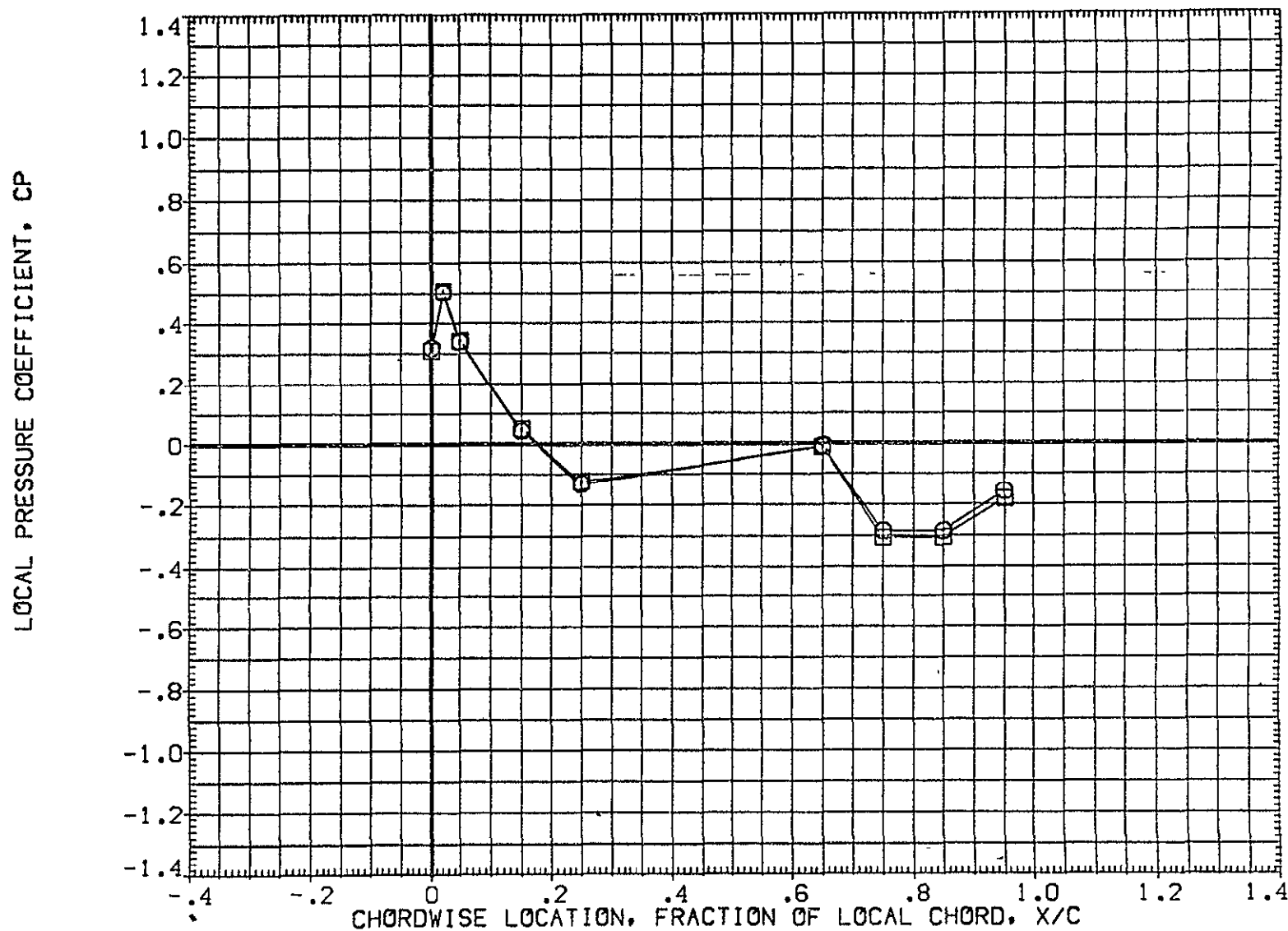


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U55]	1A7D 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7U66]	1A7D 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

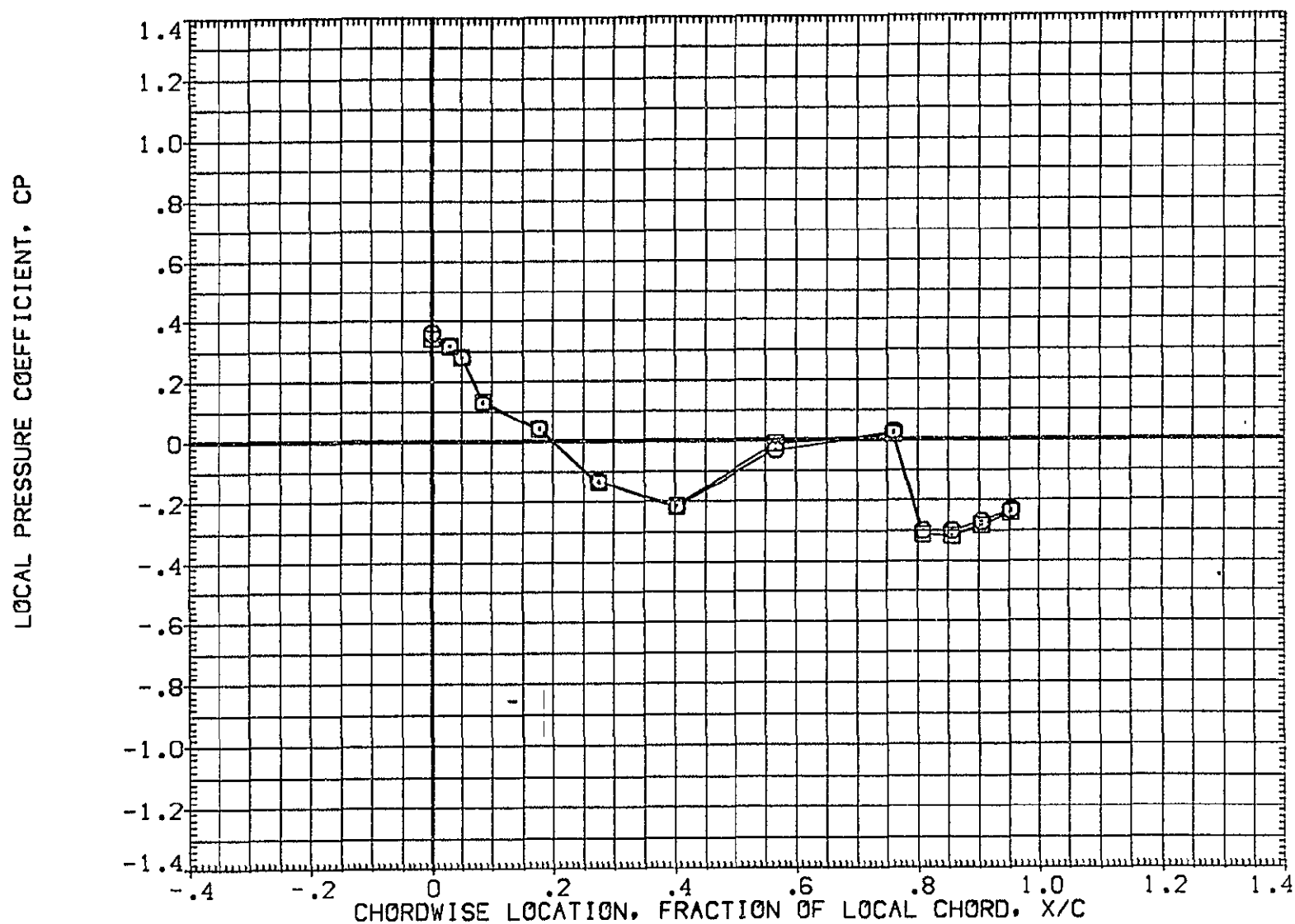


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U55]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U66]	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

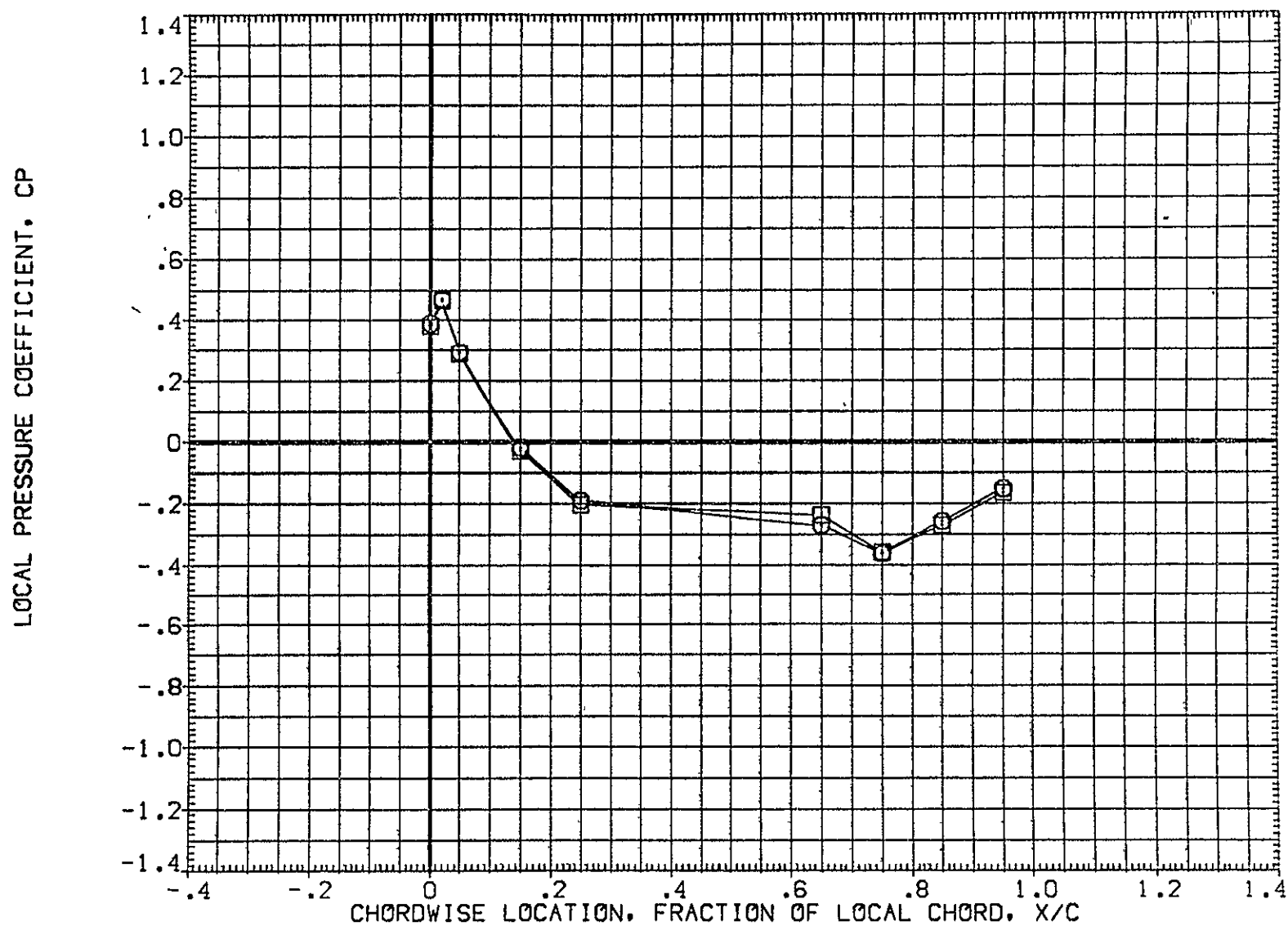


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 1282

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

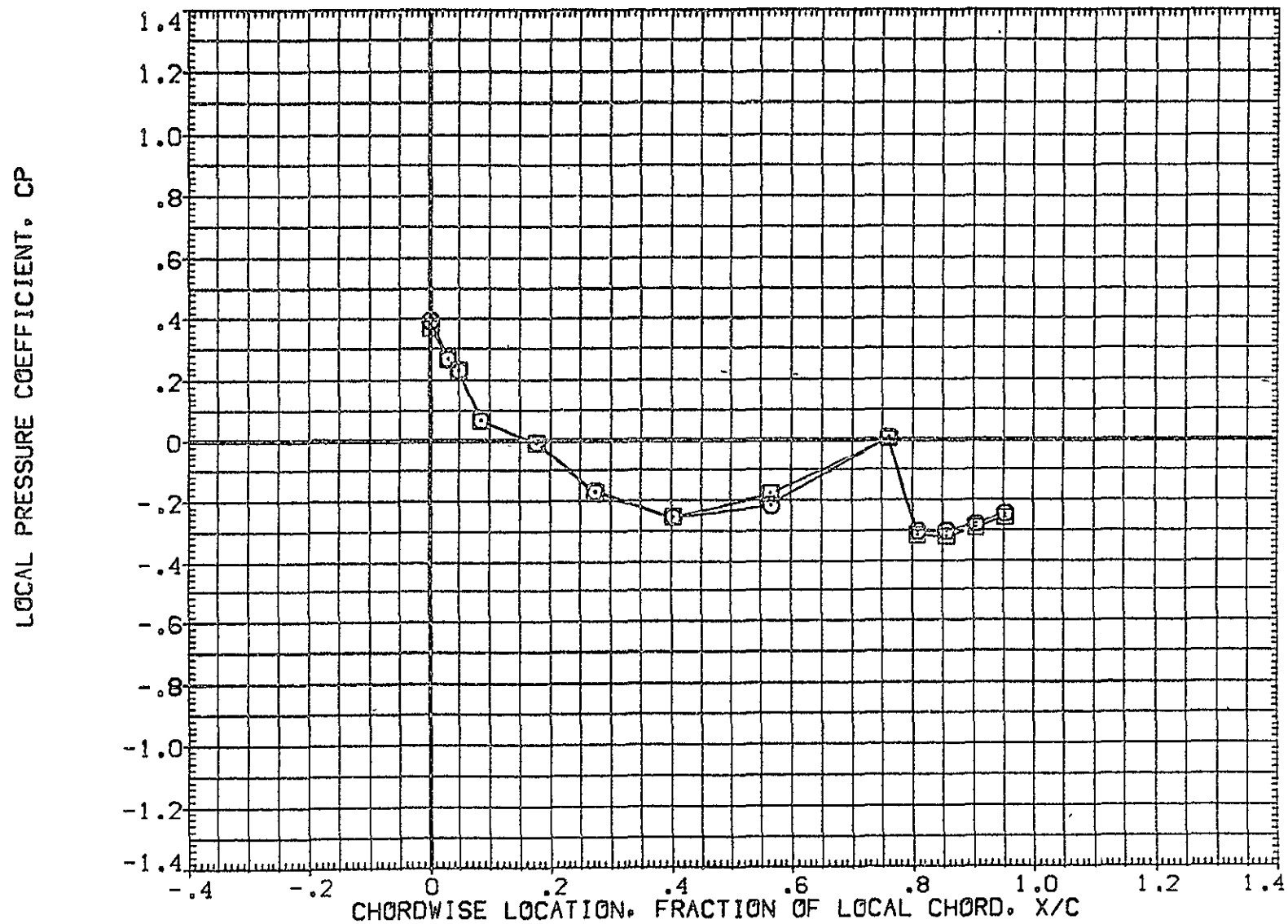


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 1283

DATA SET SYMBOL CONFIGURATION DESCRIPTION

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

LOCAL PRESSURE COEFFICIENT, CP

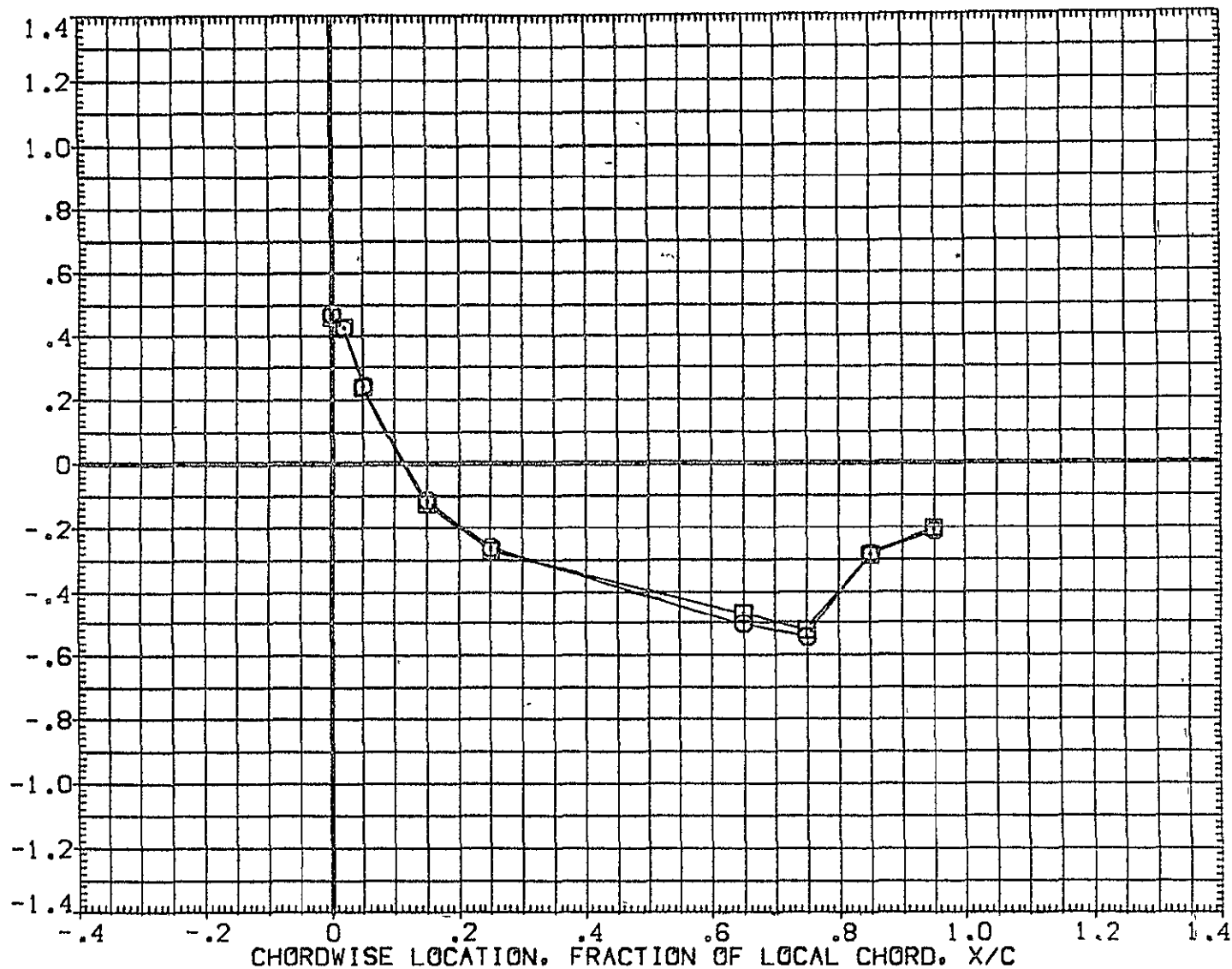


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	□ 1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U66)	□ 1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

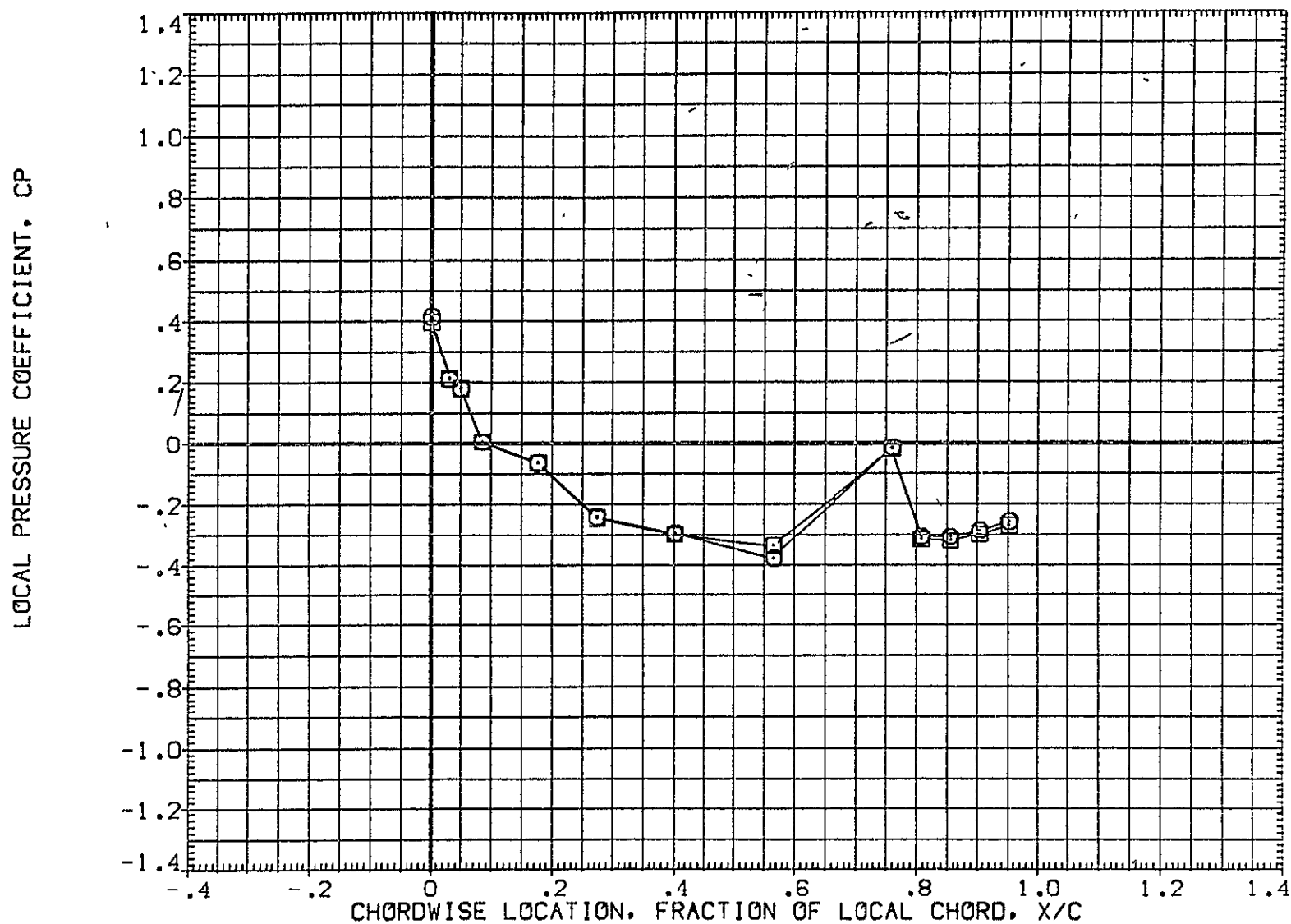


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION
(AF7U55)	1A70 01 T12 S1 P2 P8
(AF7U56)	1A70 01 T12 S1 P2 P9

	ELV-1	ELV-2	ELV-3	ELV-4
WING UPPER SURFACE	8.000	8.000	8.000	8.000
WING UPPER SURFACE	8.000	8.000	8.000	8.000

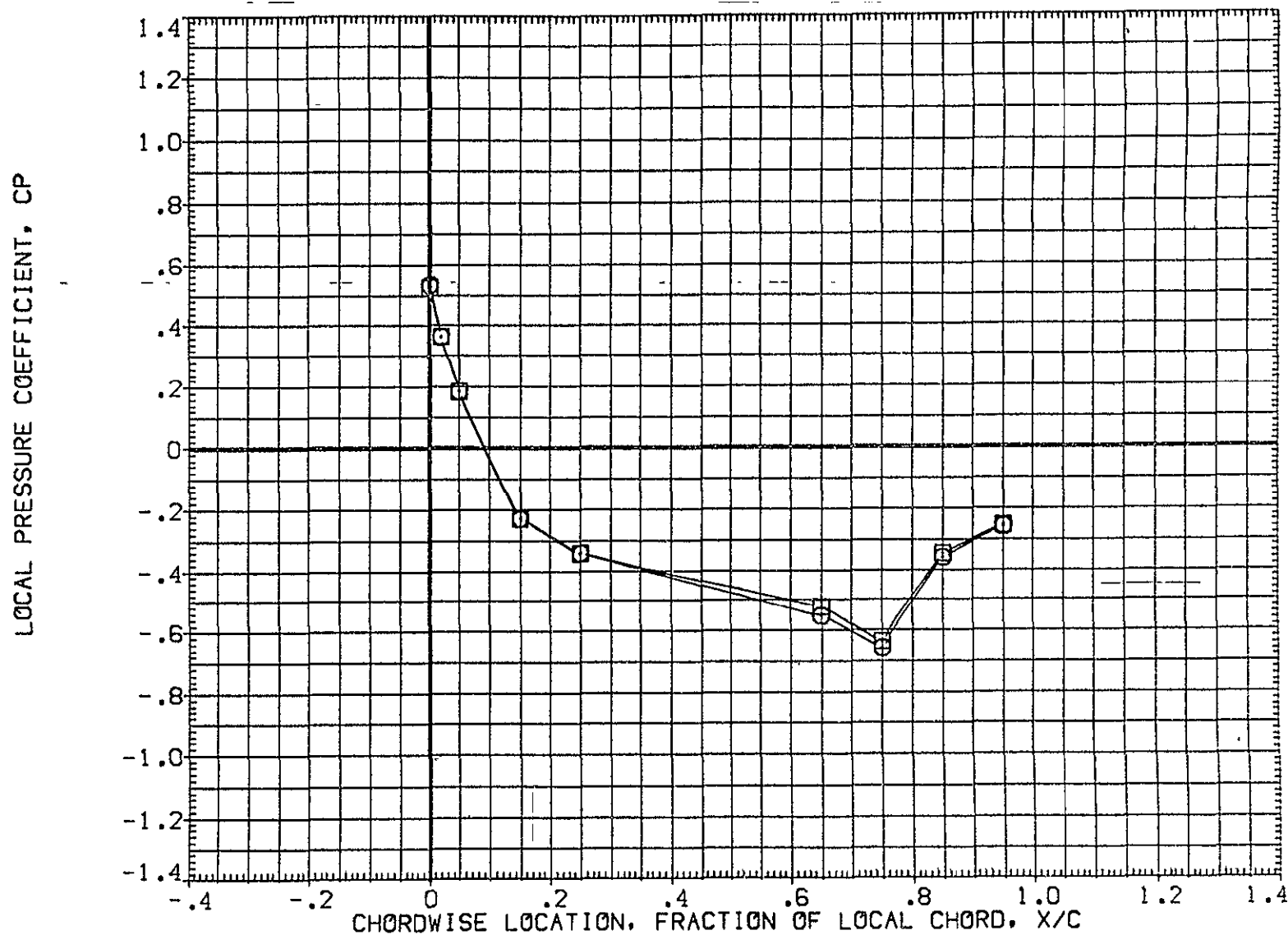


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = .000 2Y/B = .771 PAGE 1286

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

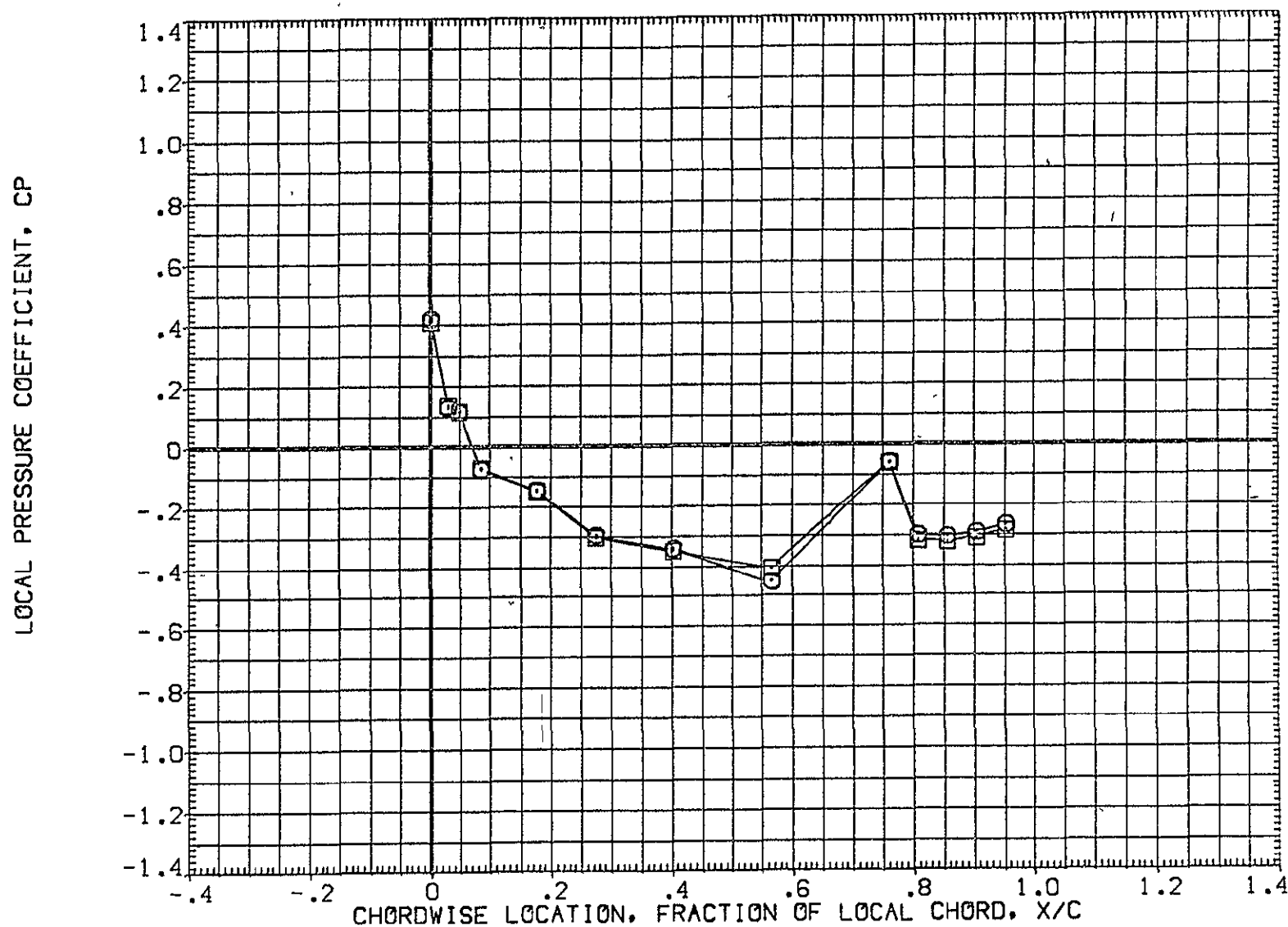


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

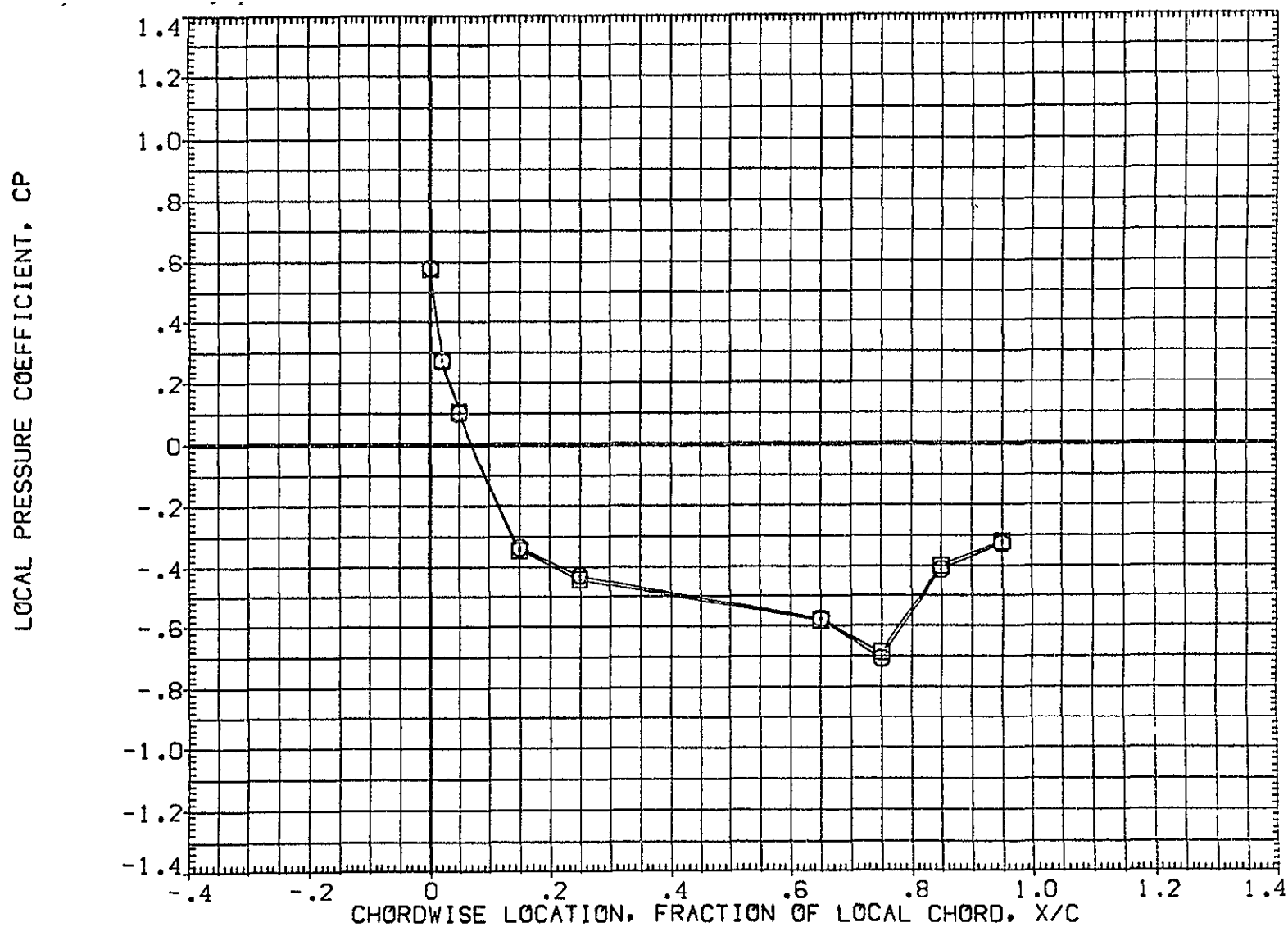


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U66}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000

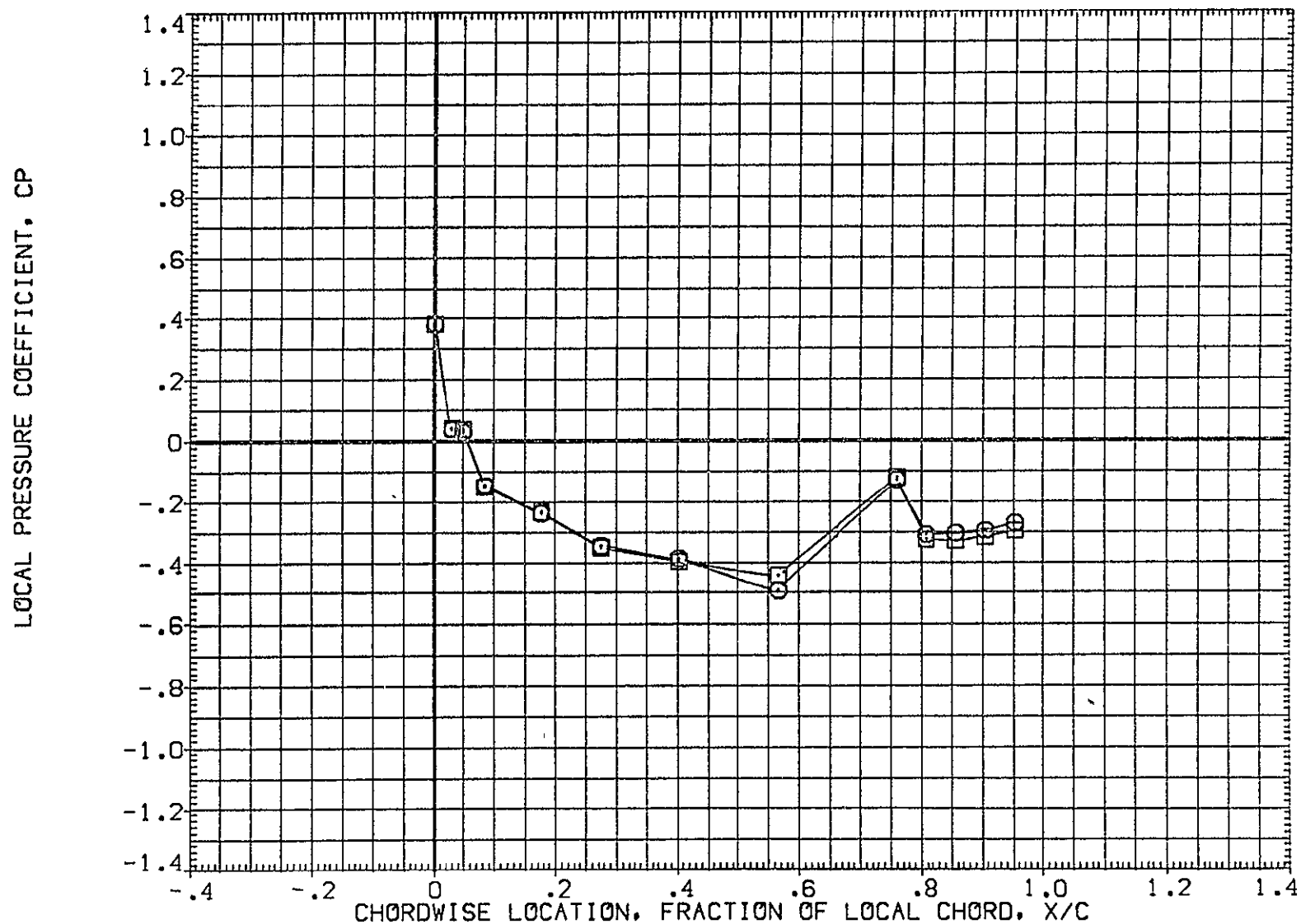


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 1289

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

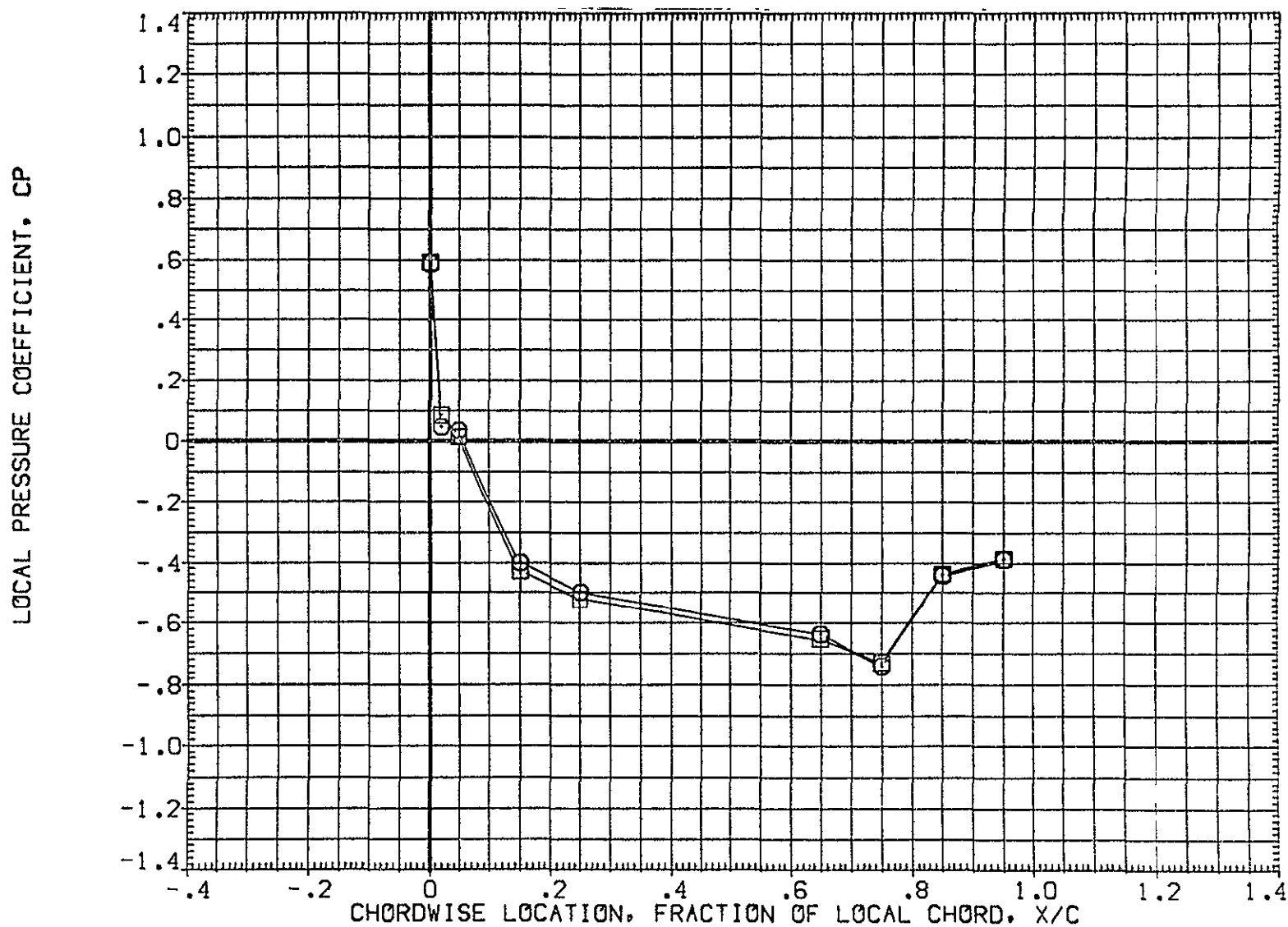


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U55] ○	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
[AF7U66] □	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

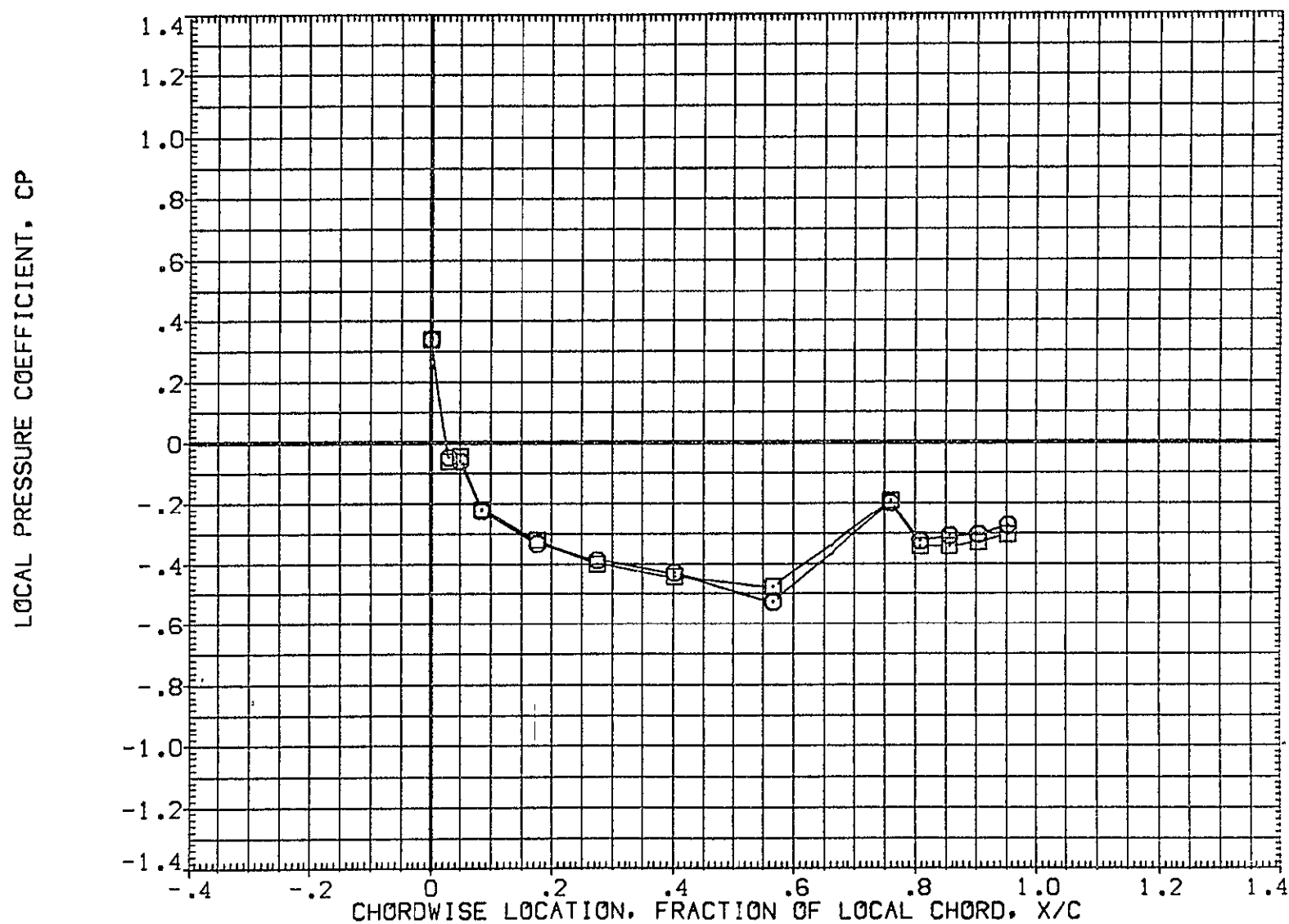


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 1291

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U55}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
{AF7U66}	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

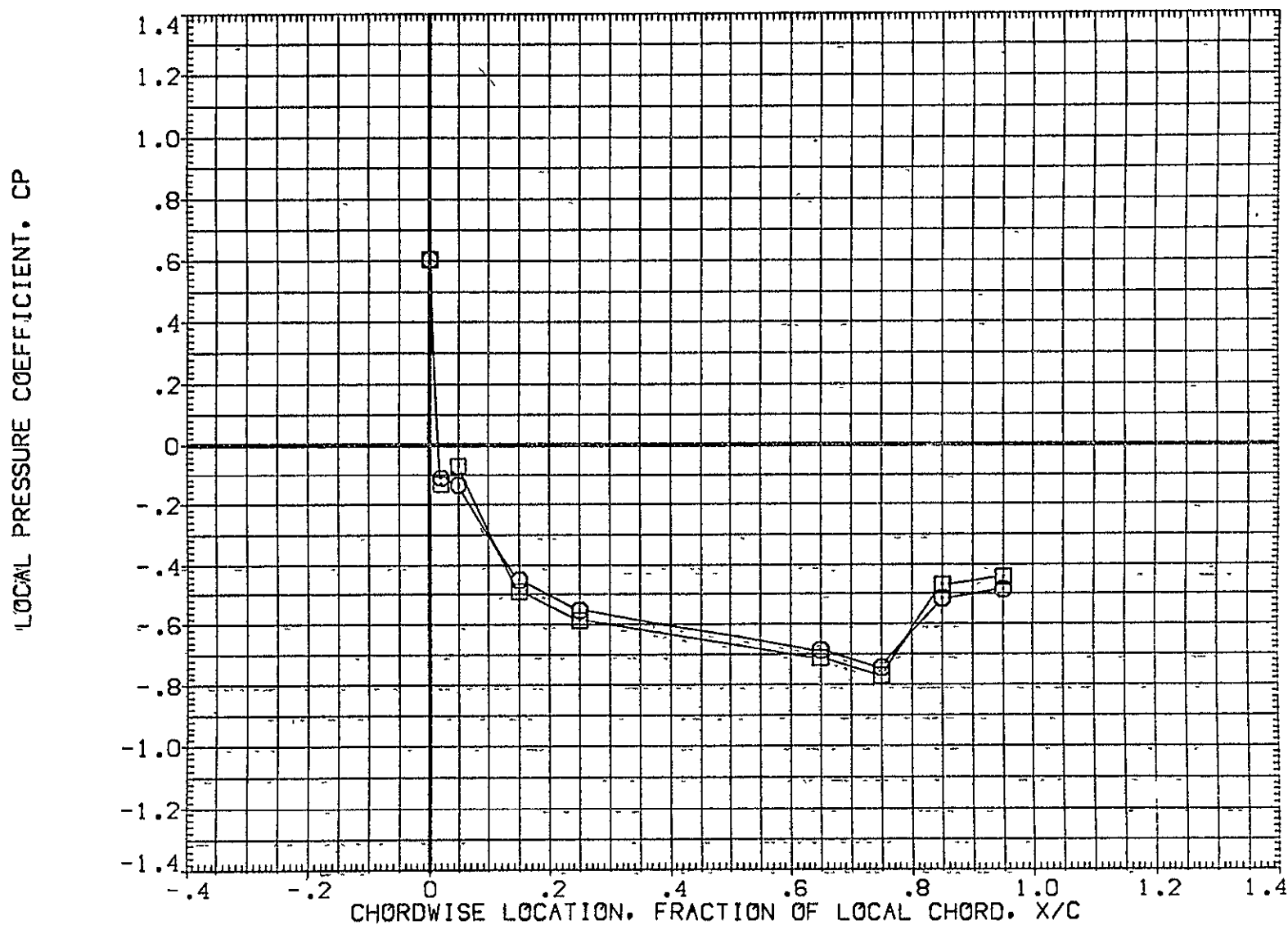


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	8.000	8.000	8.000	8.000

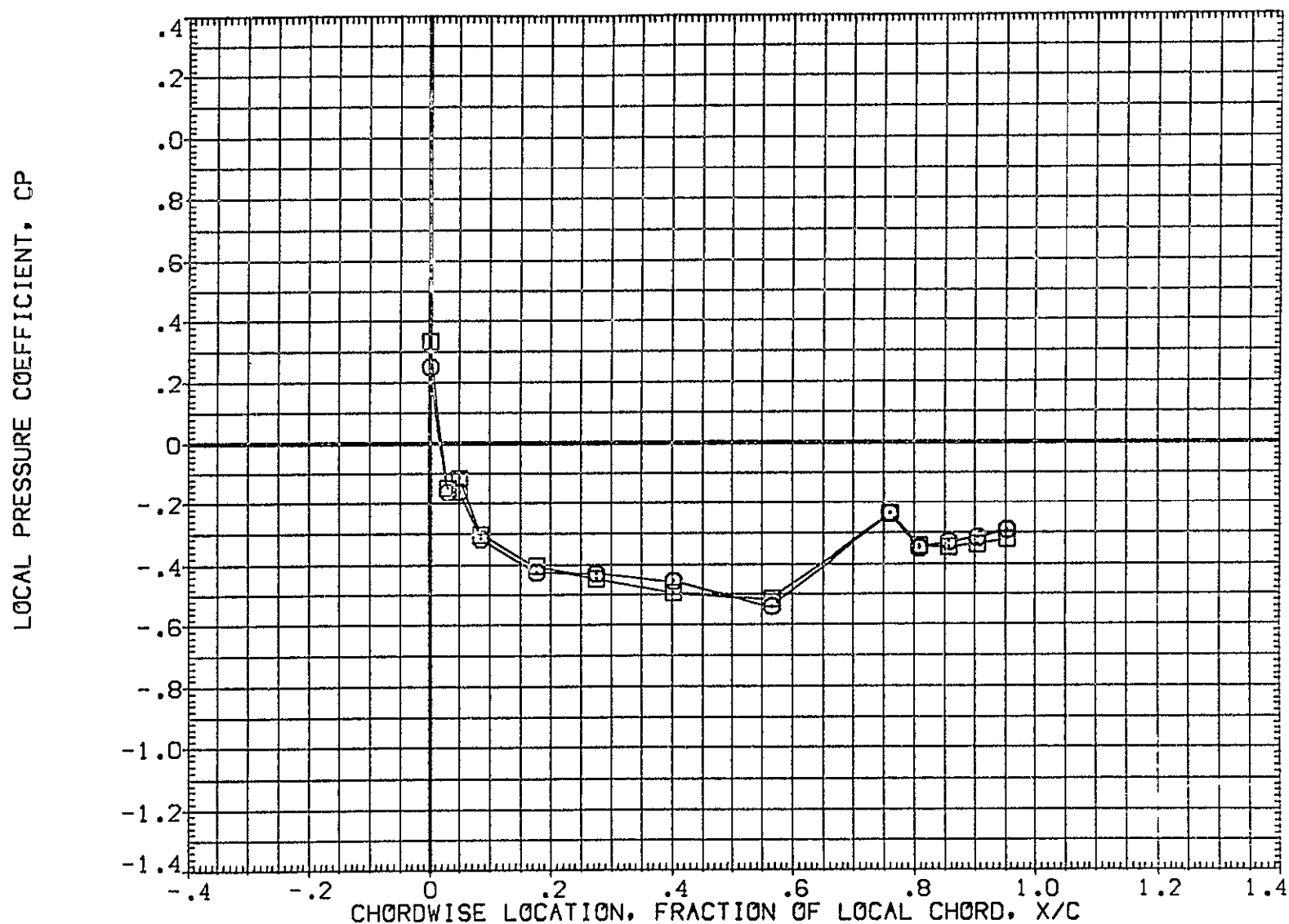


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7U66)	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

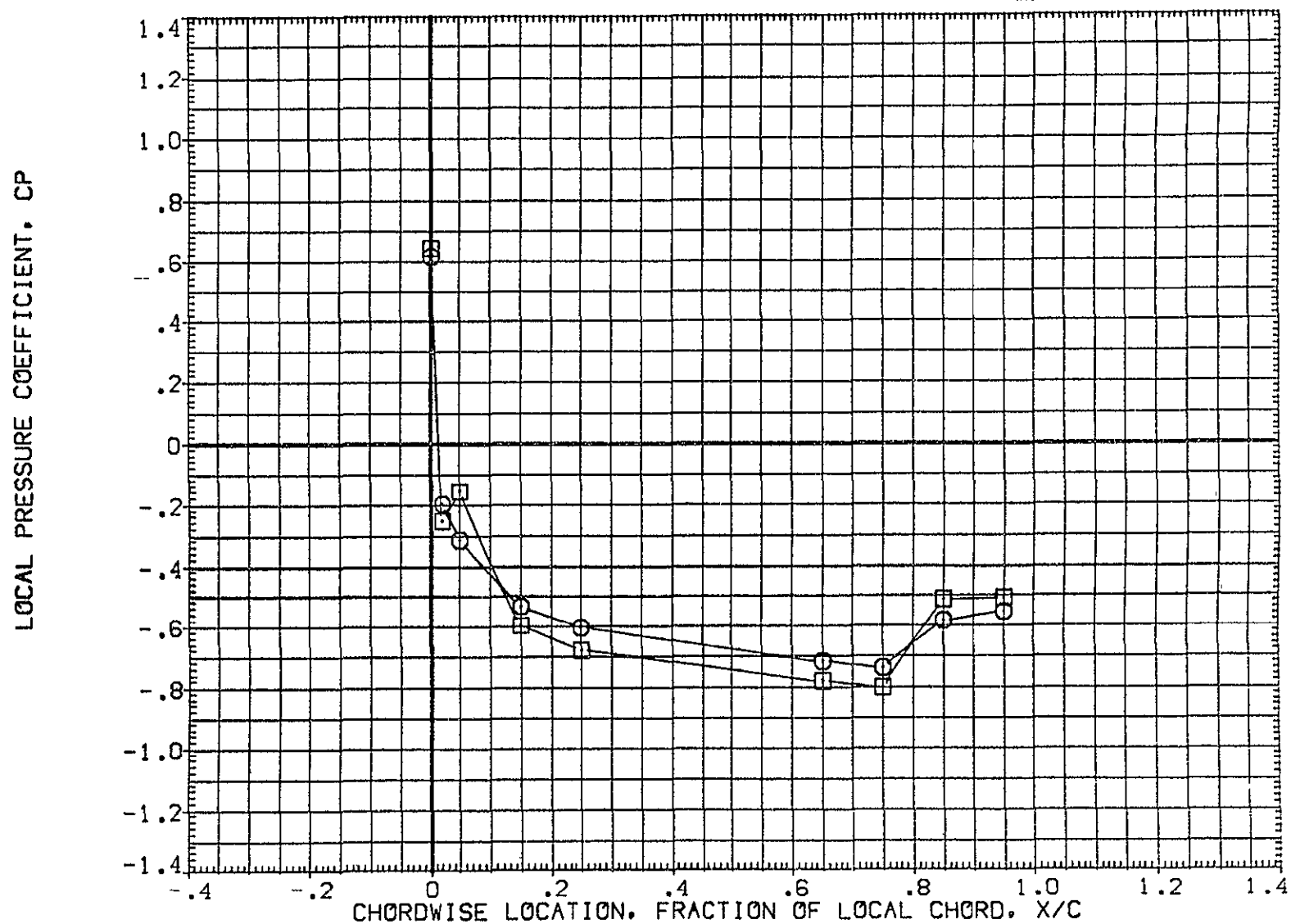


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	IA70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

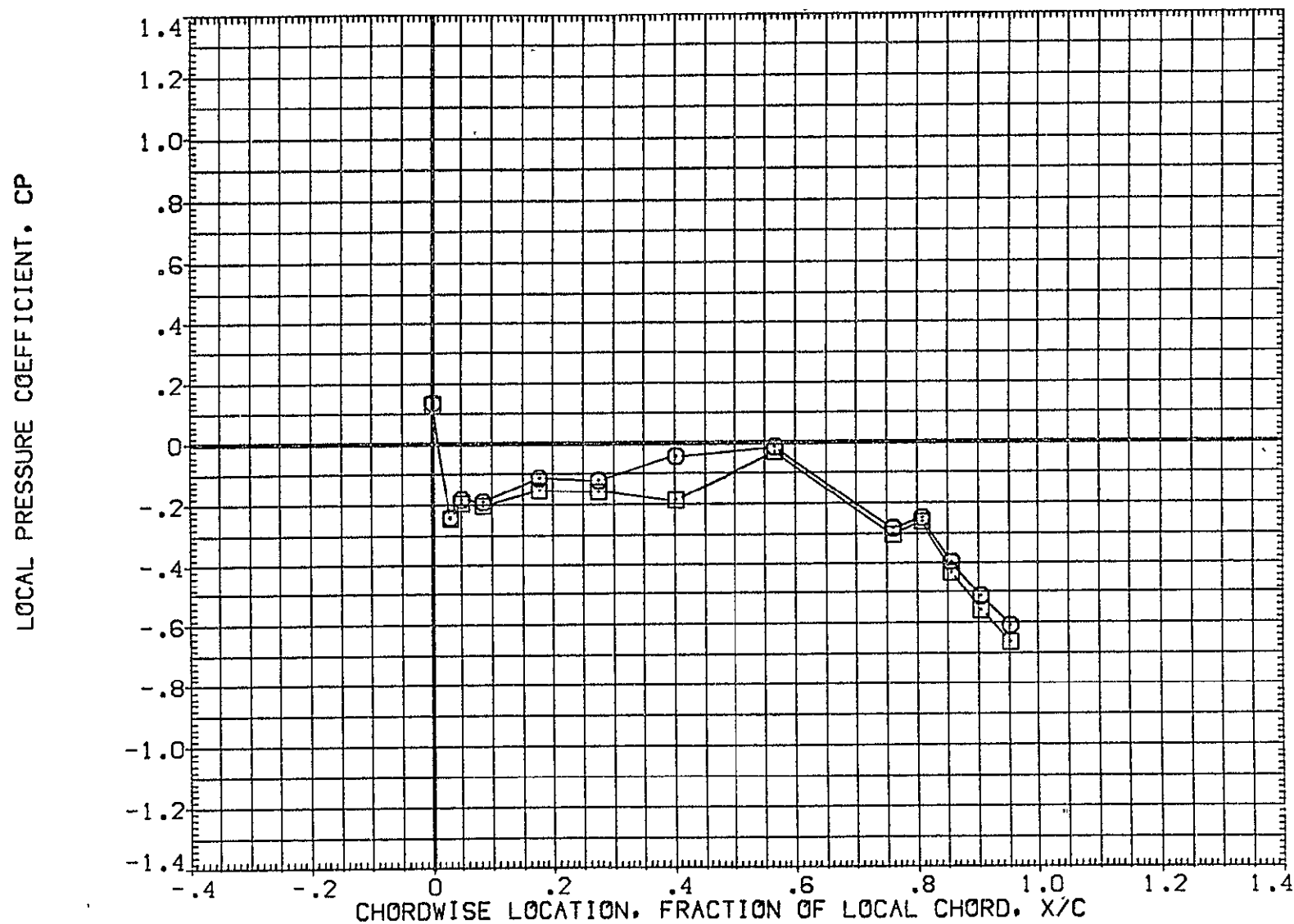


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L66}	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

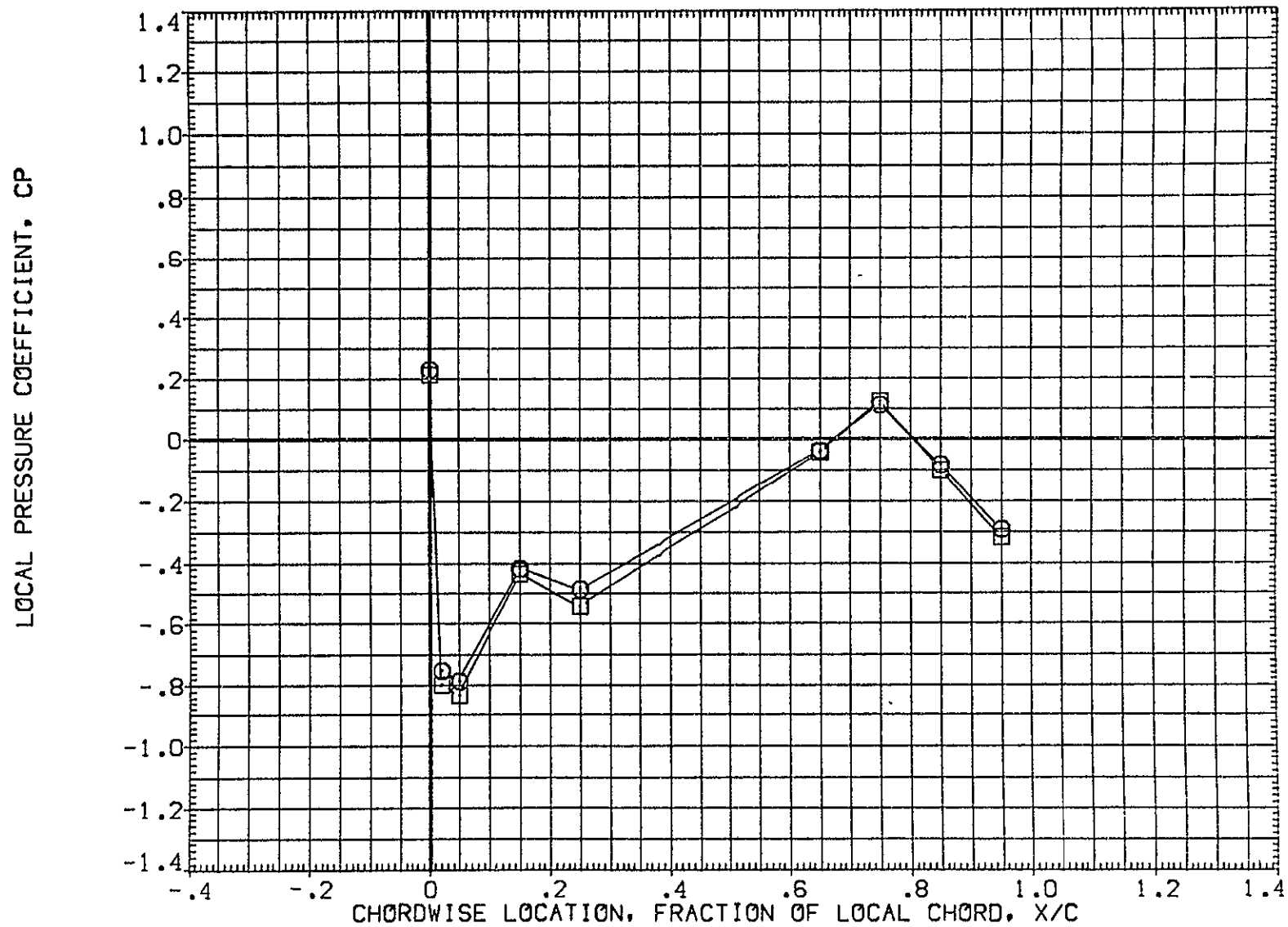


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -8.000 2Y/B = .771 PAGE 1296

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

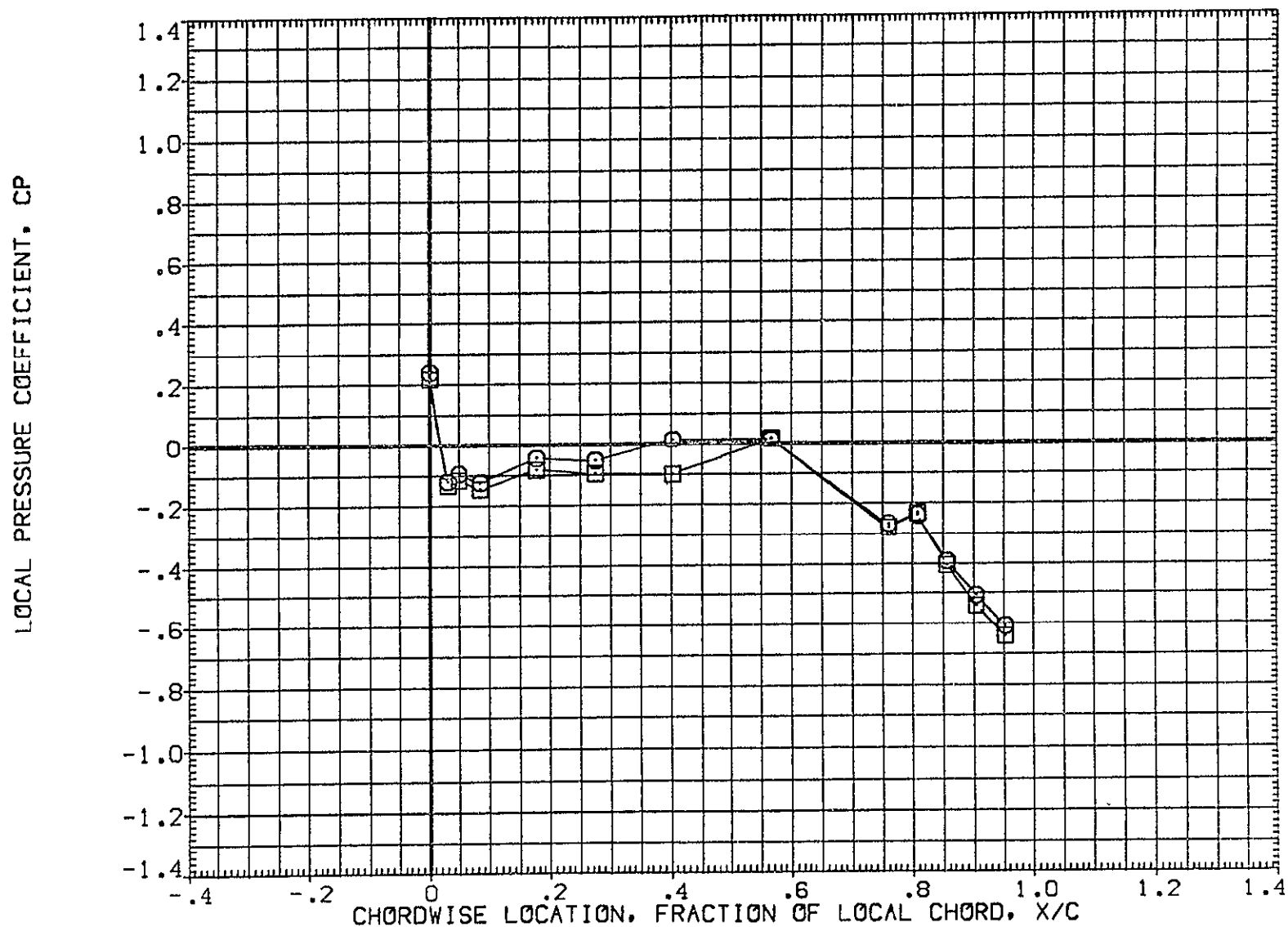


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L55]	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
[AF7L66]	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

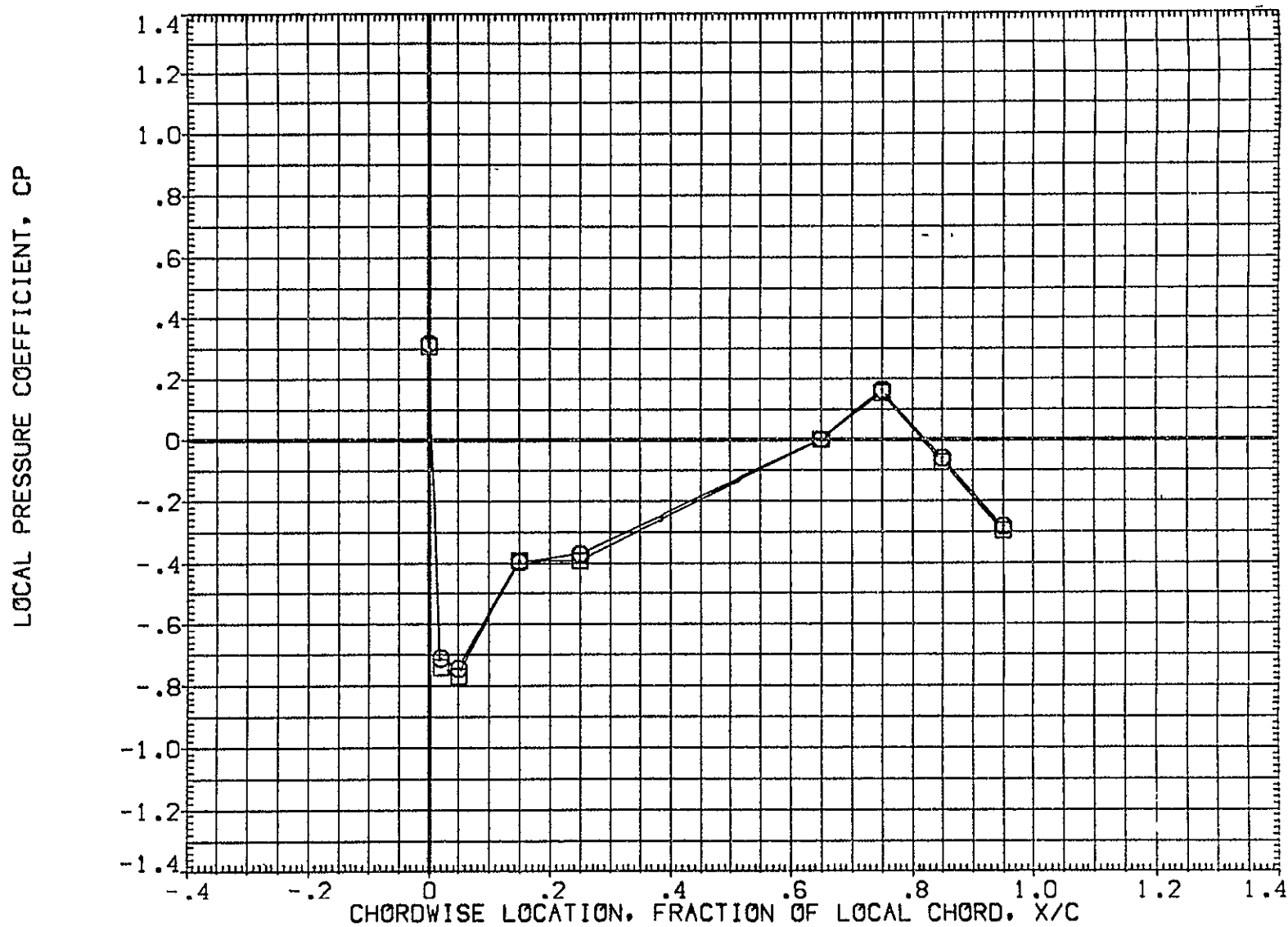


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

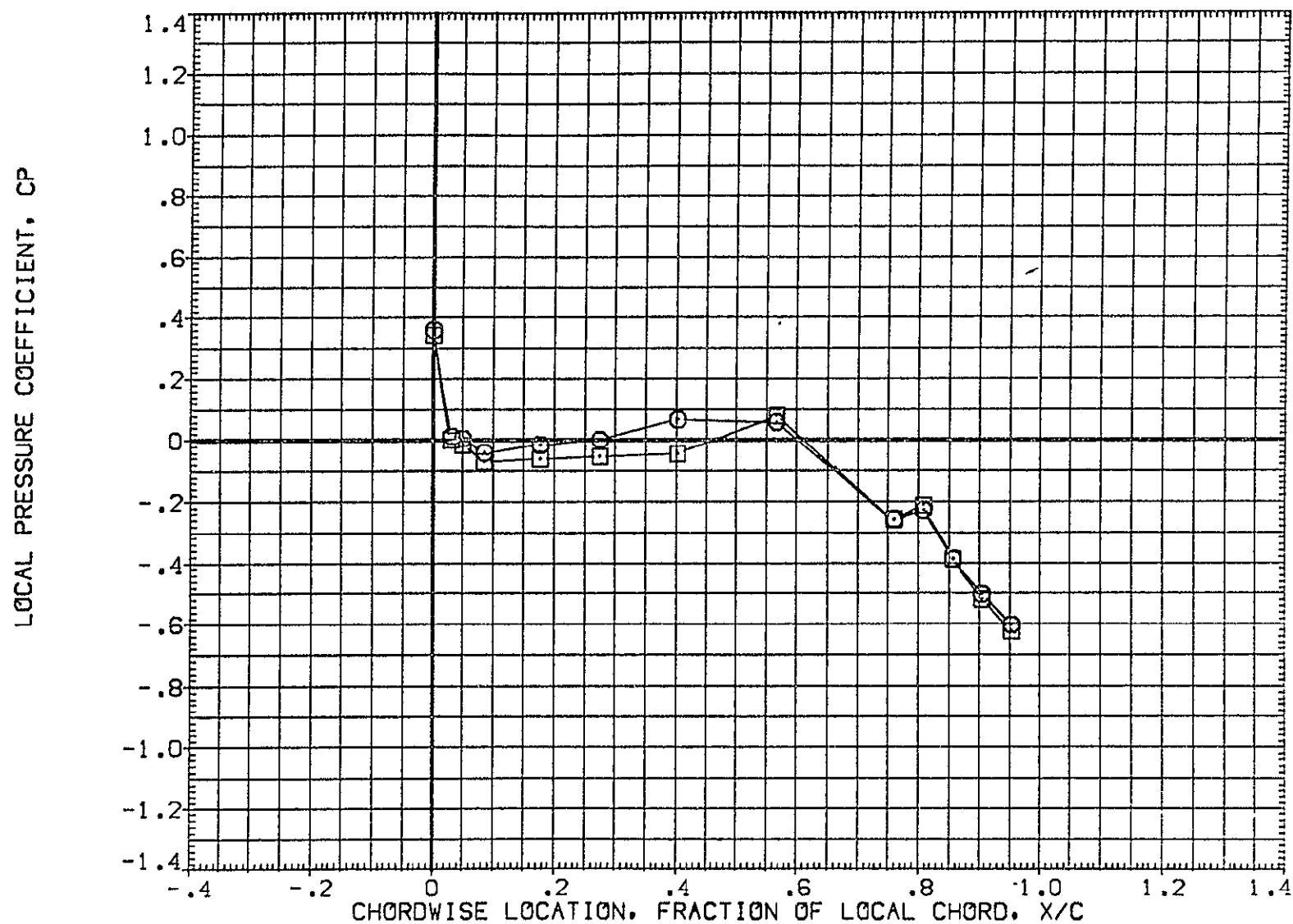


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 1299

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L66}	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

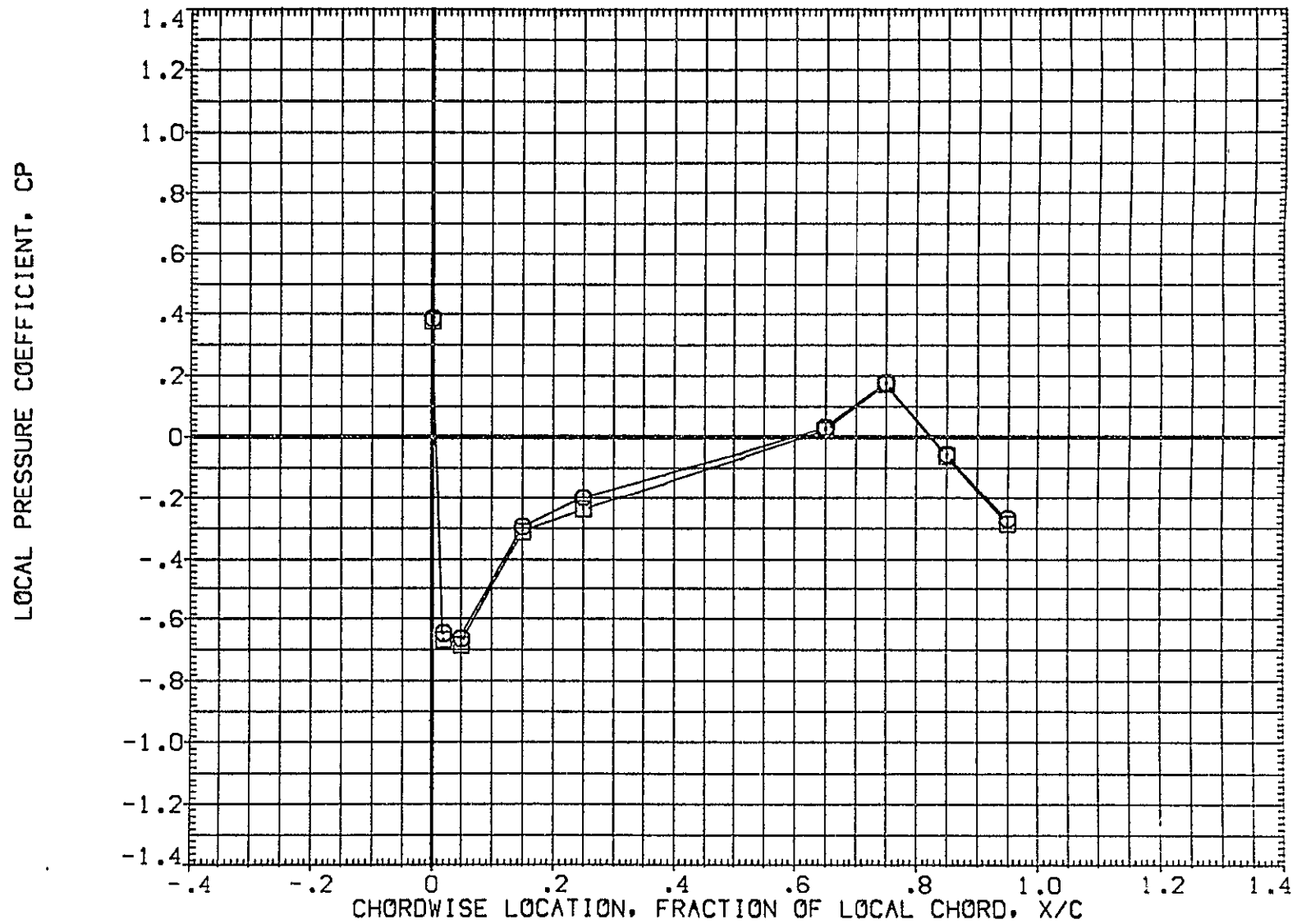


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	IA70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

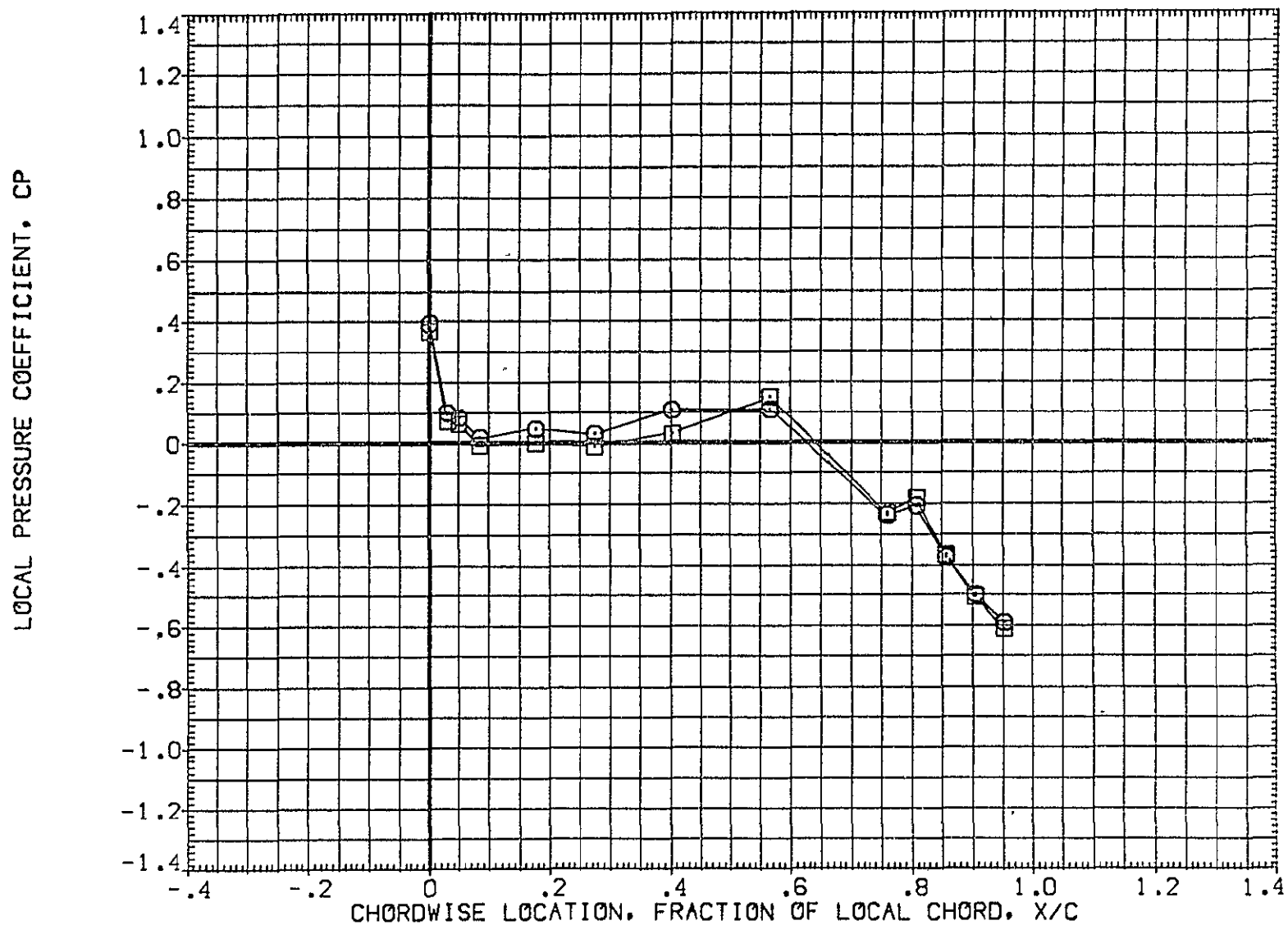


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000  $\bar{Z}Y/B = .436$

PAGE 1301

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L66)	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

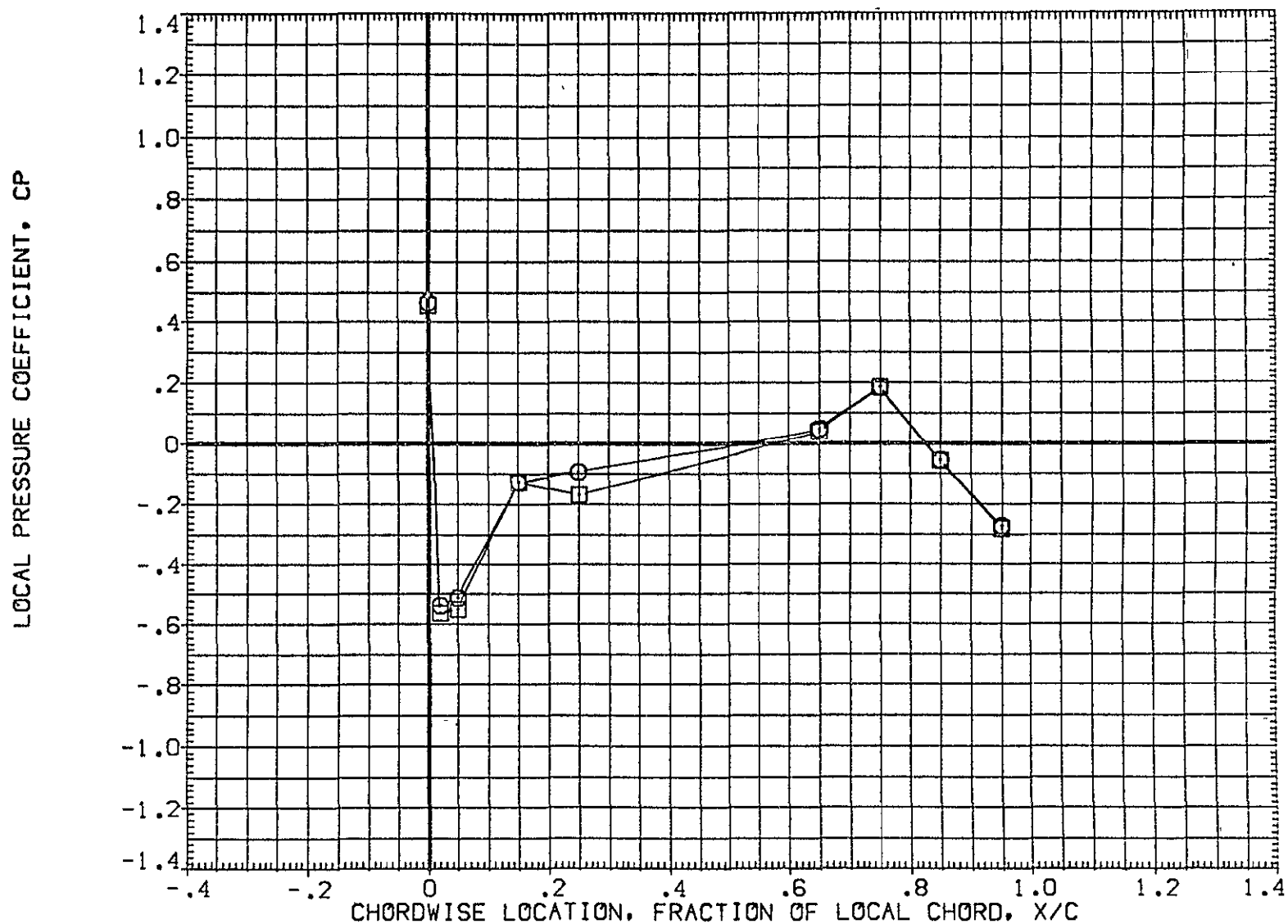


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

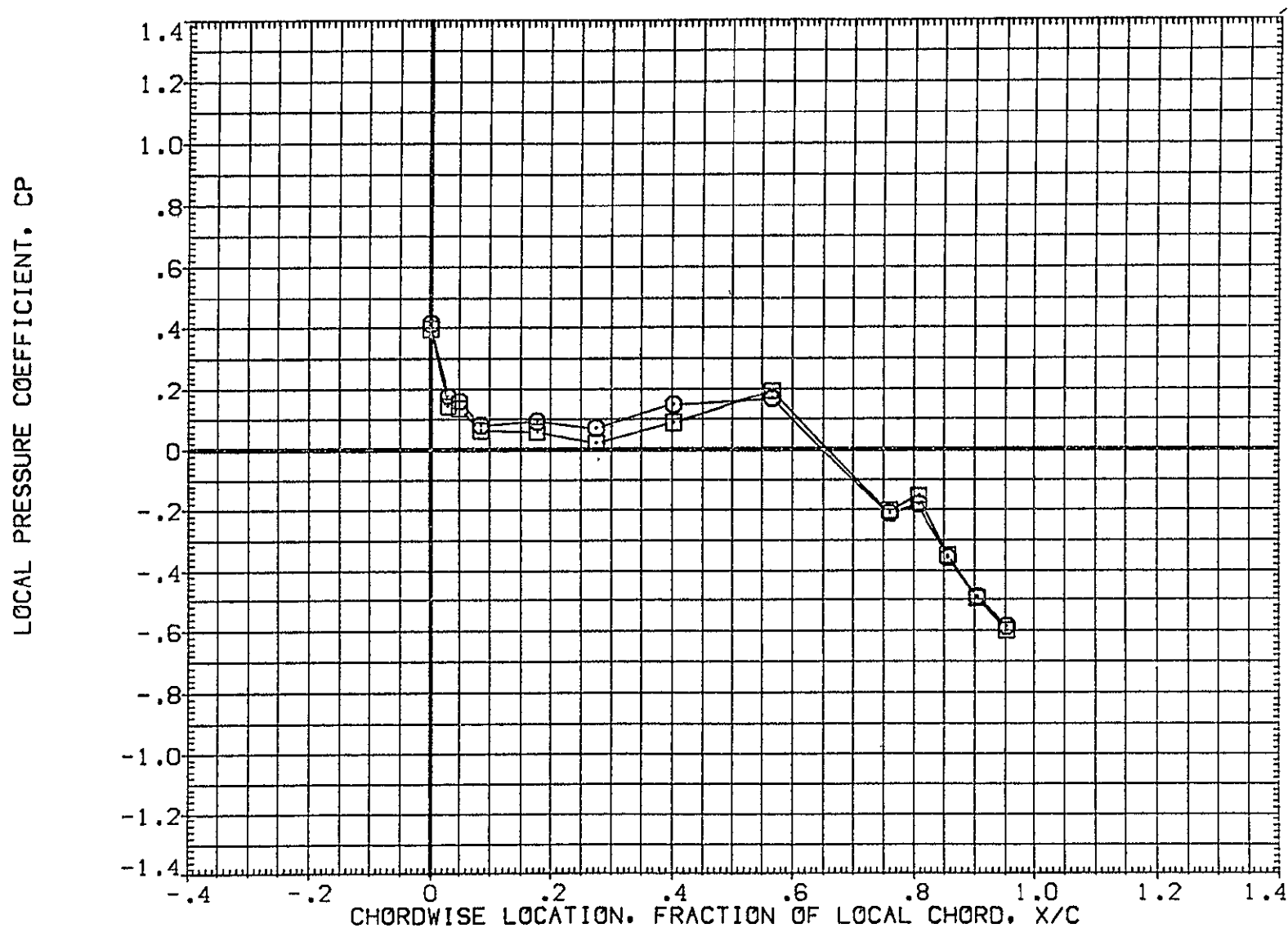


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L55}	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
{AF7L66}	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

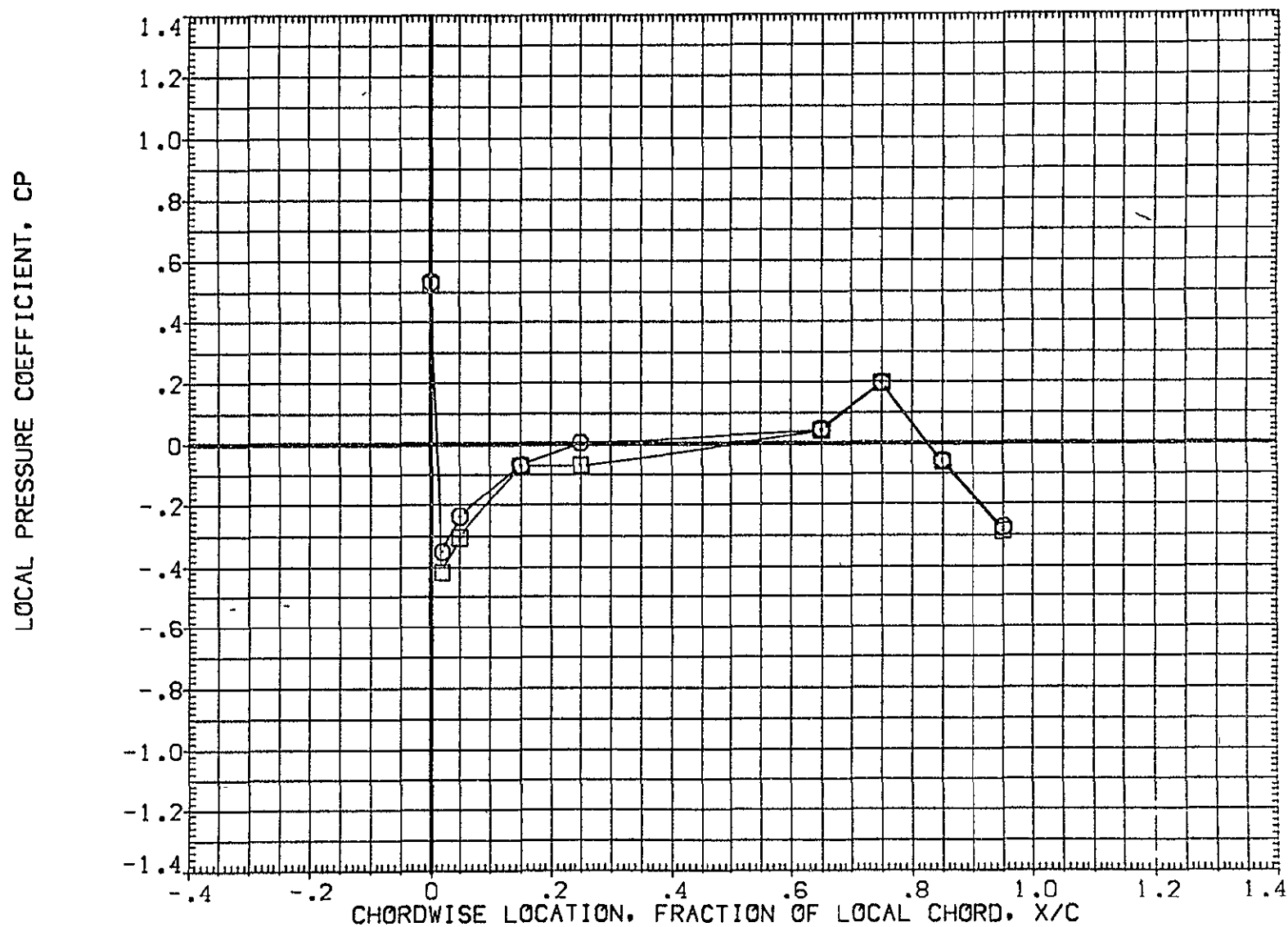


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	IA70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

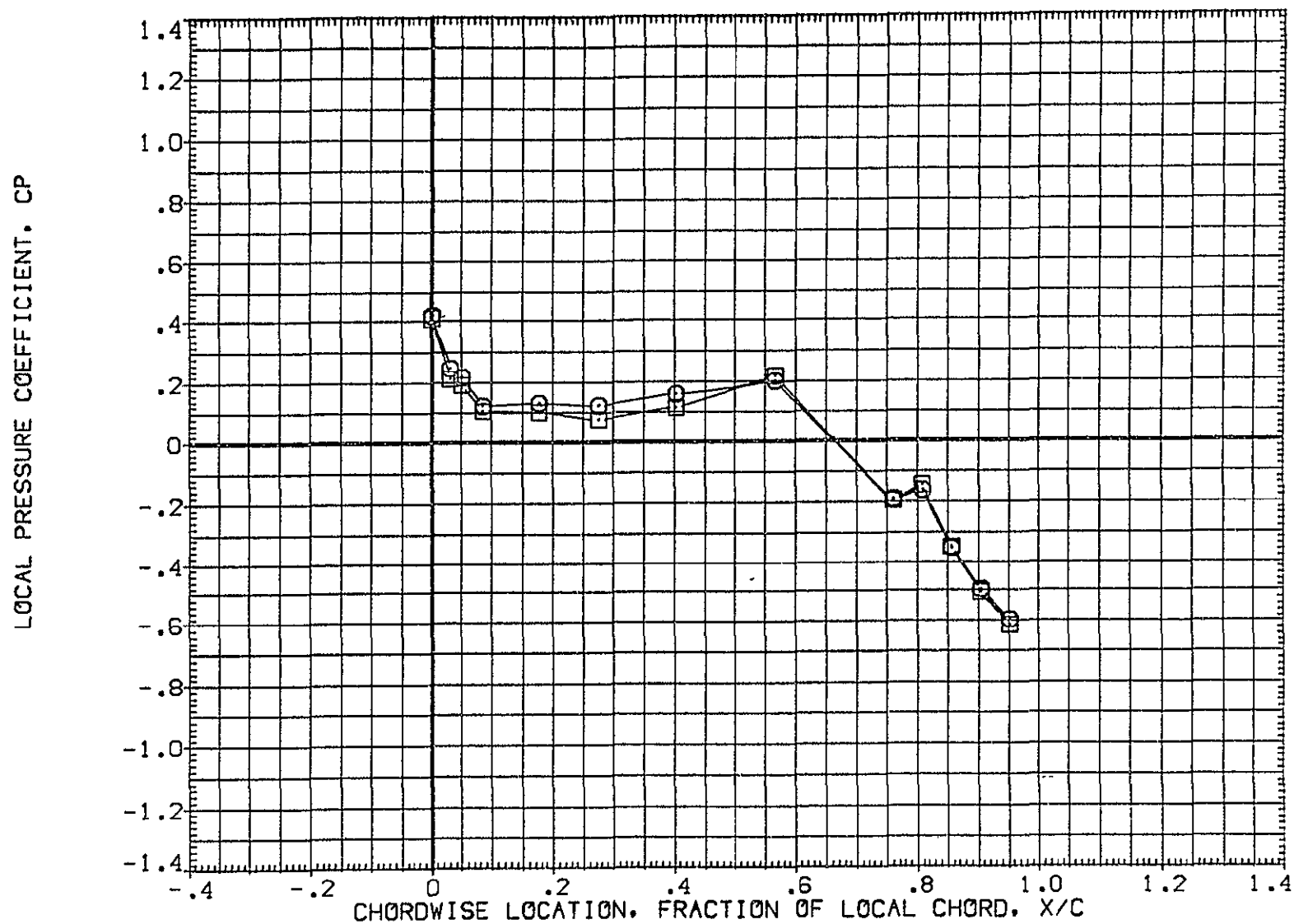


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 2.000 2Y/B = .436 PAGE 1305

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{ AF7L55 }	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{ AF7L66 }	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

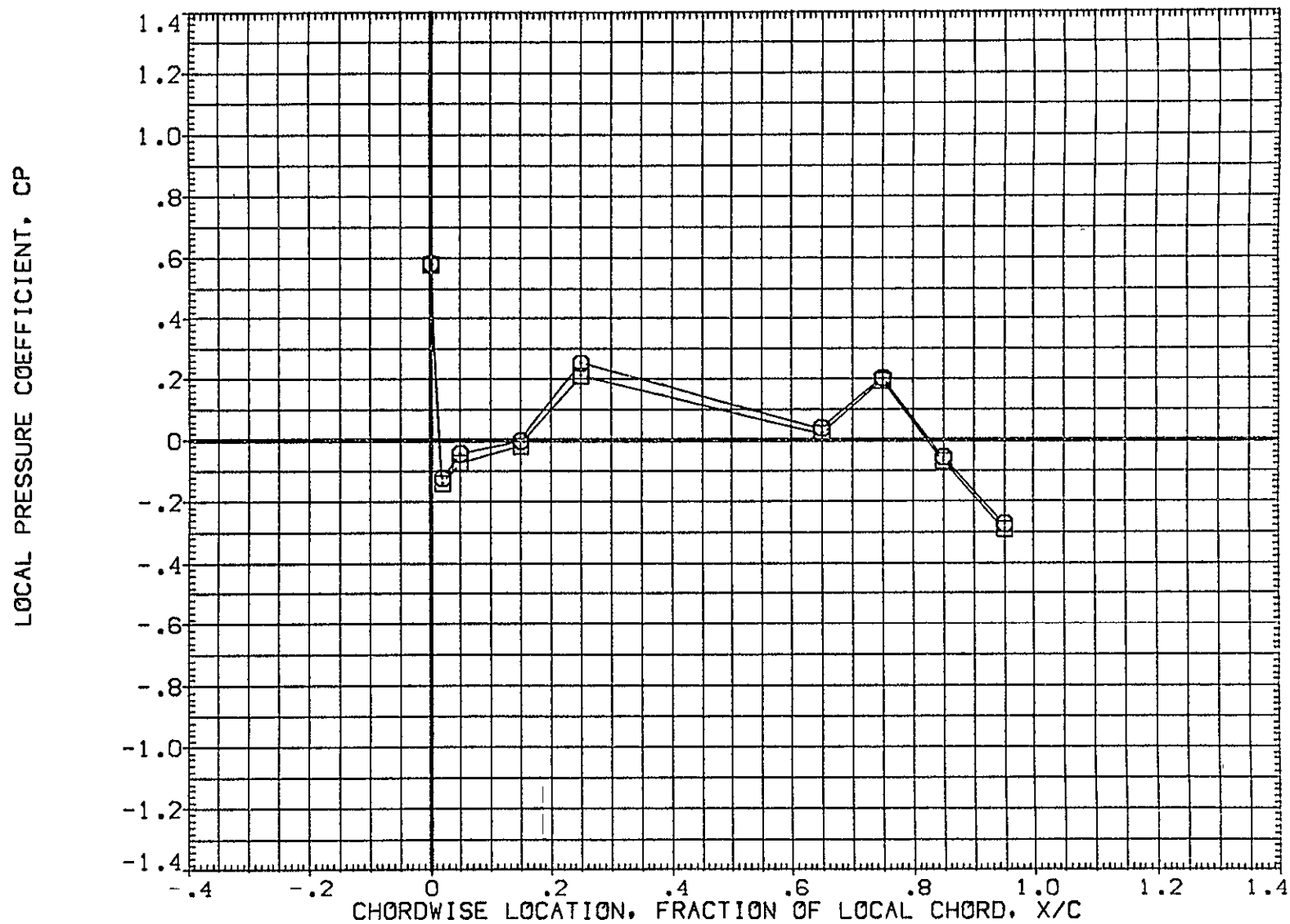


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 2.000 2Y/B = .771 PAGE 1306

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L55]	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
[AF7L66]	IA70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

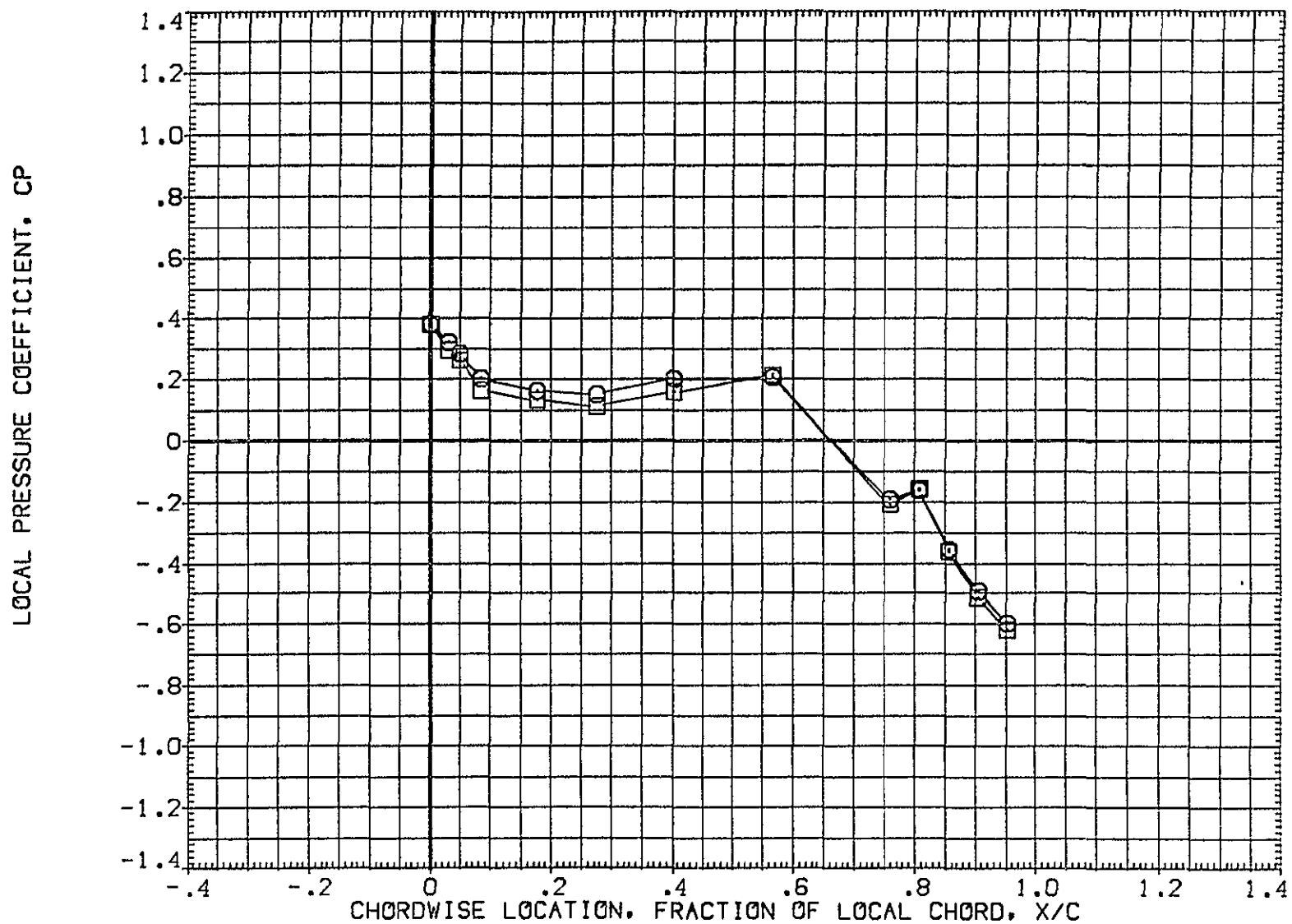


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

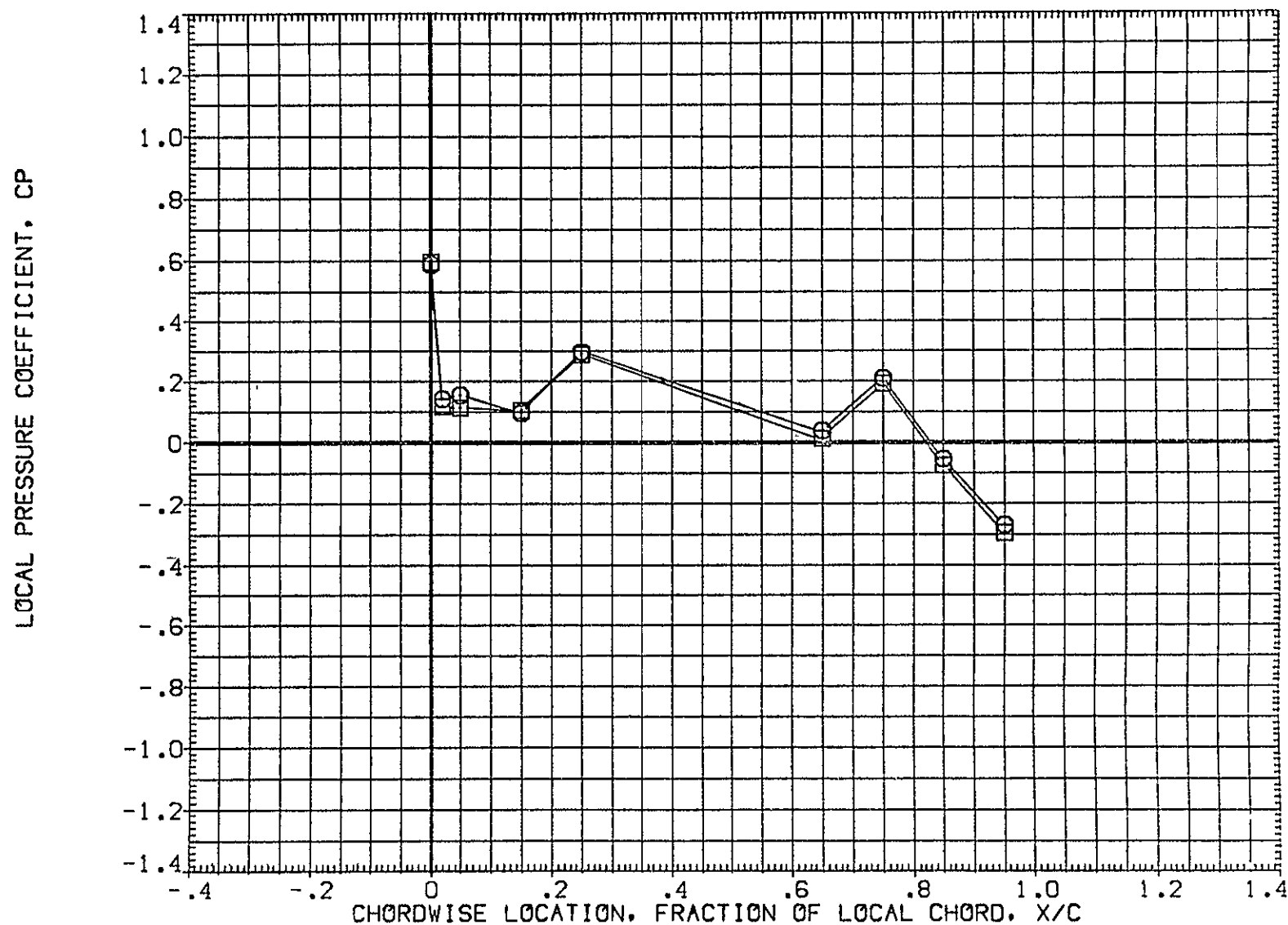


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771 PAGE 1308

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L55}	□ 1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L66}	□ 1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

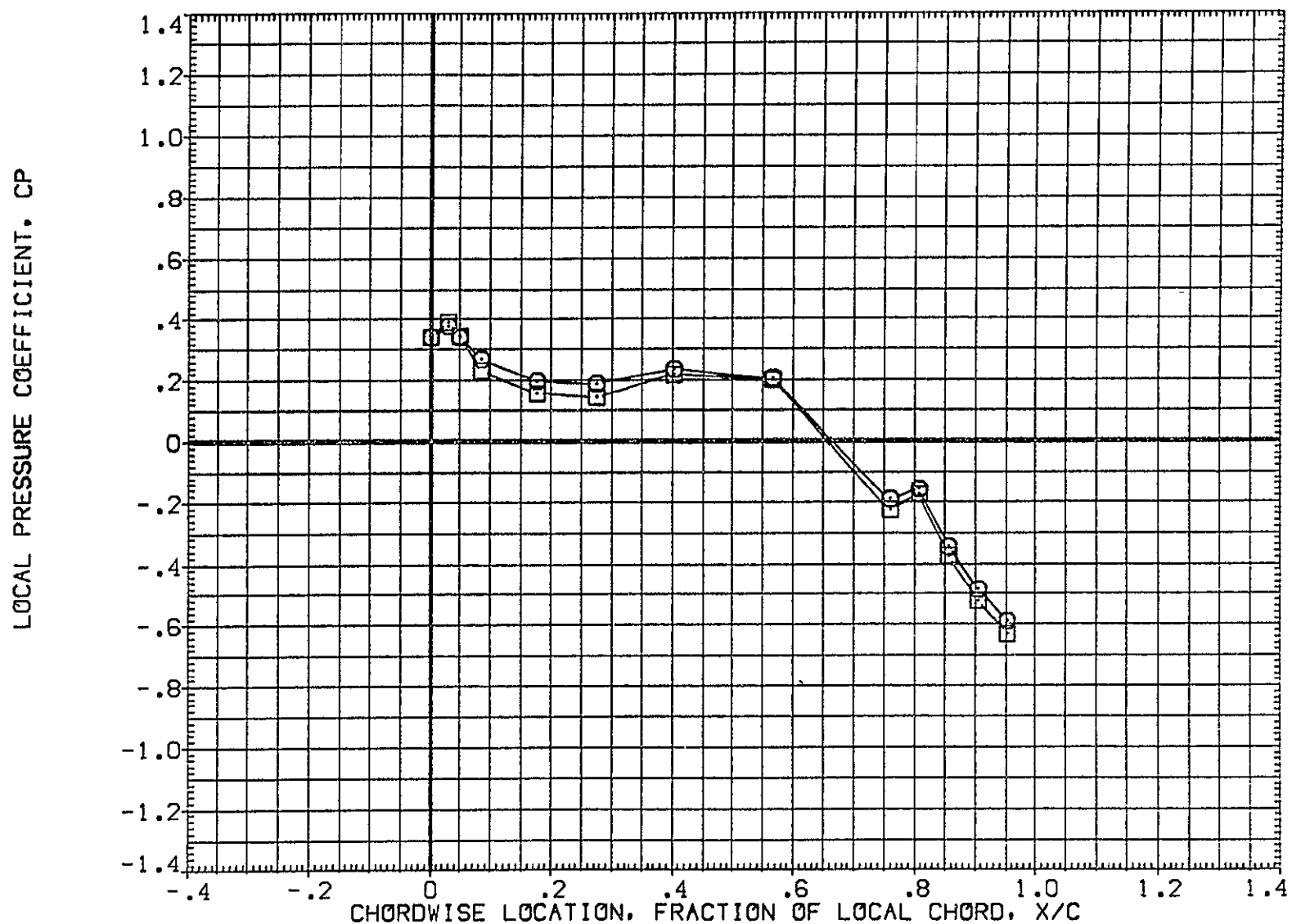


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	1A70 01 T12 S1 P2 P8	8.000	8.000	8.000	8.000
(AF7L66)	1A70 01 T12 S1 P2 P9	8.000	8.000	8.000	8.000

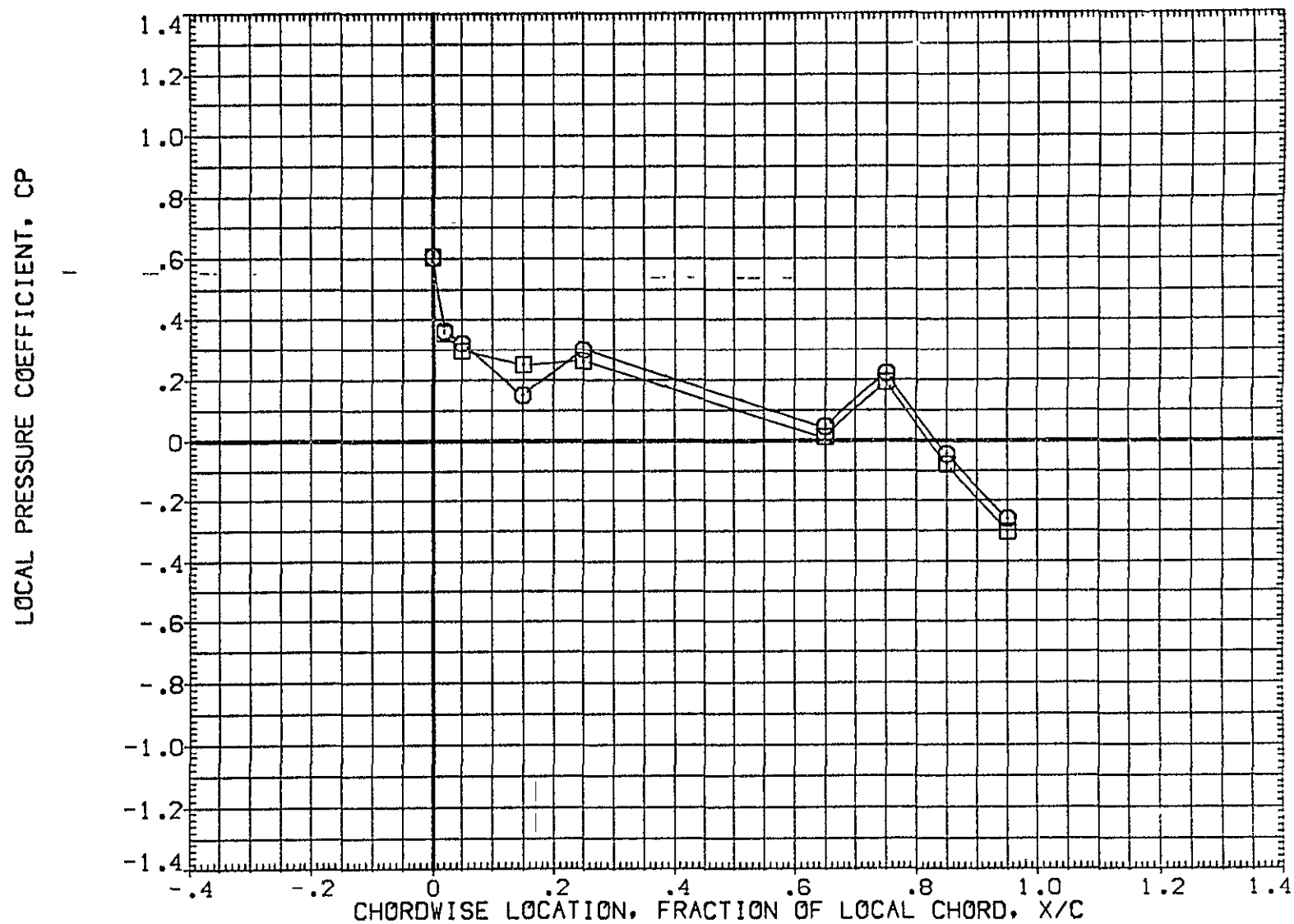


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L55}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
{AF7L66}	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

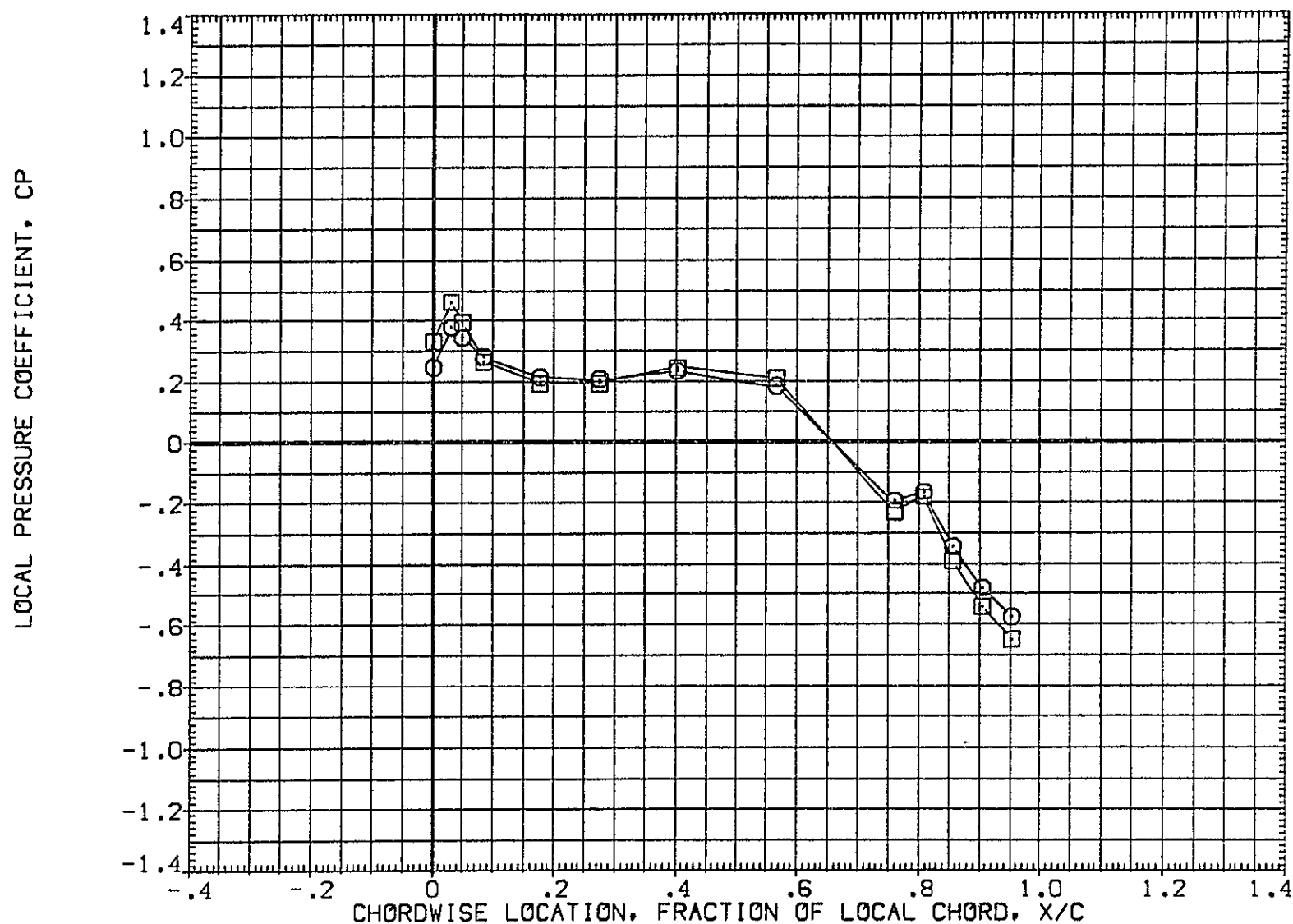


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436 -PAGE 1311



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L55)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	8.000	8.000	8.000	8.000
(AF7L66)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	8.000	8.000	8.000	8.000

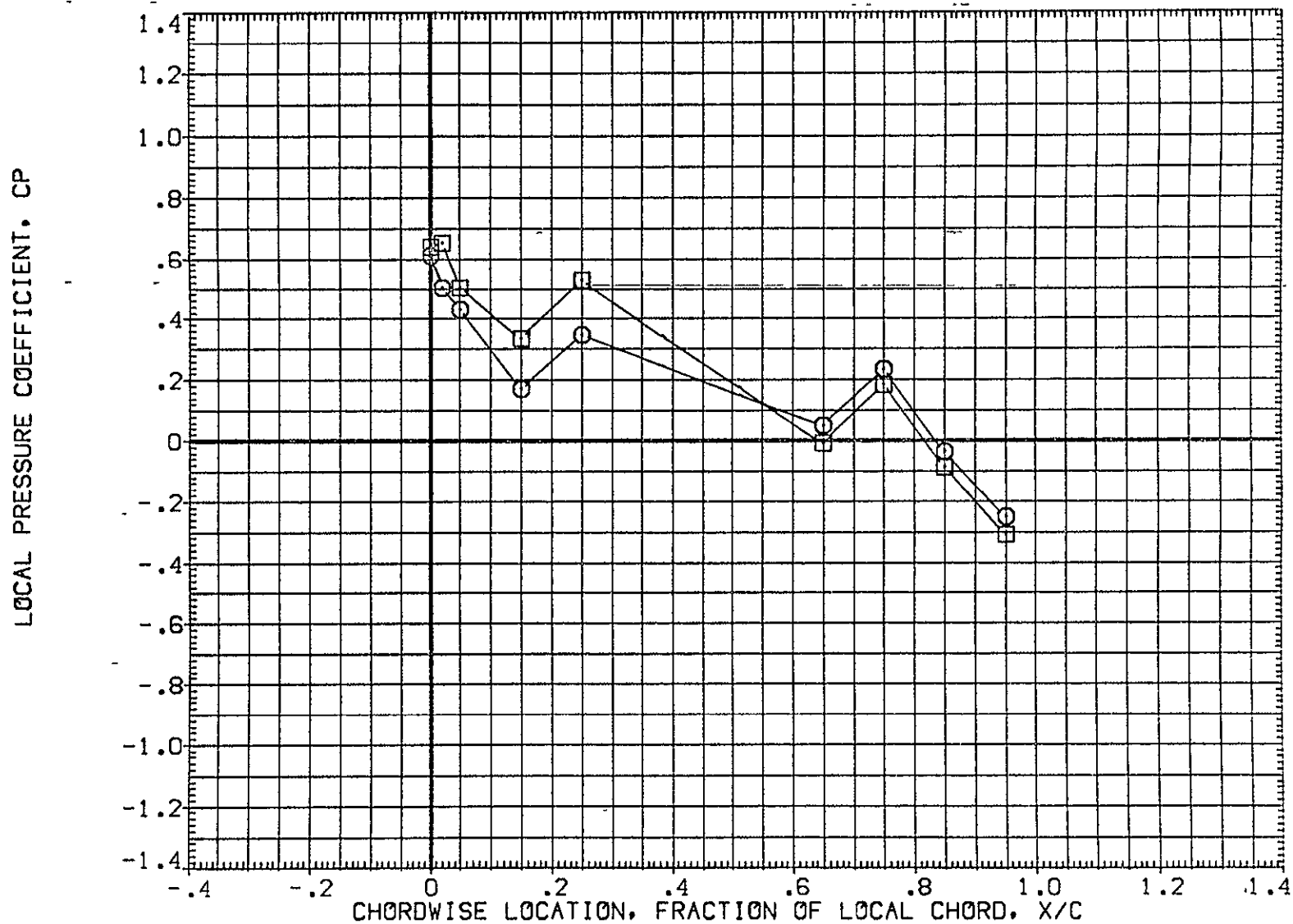


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

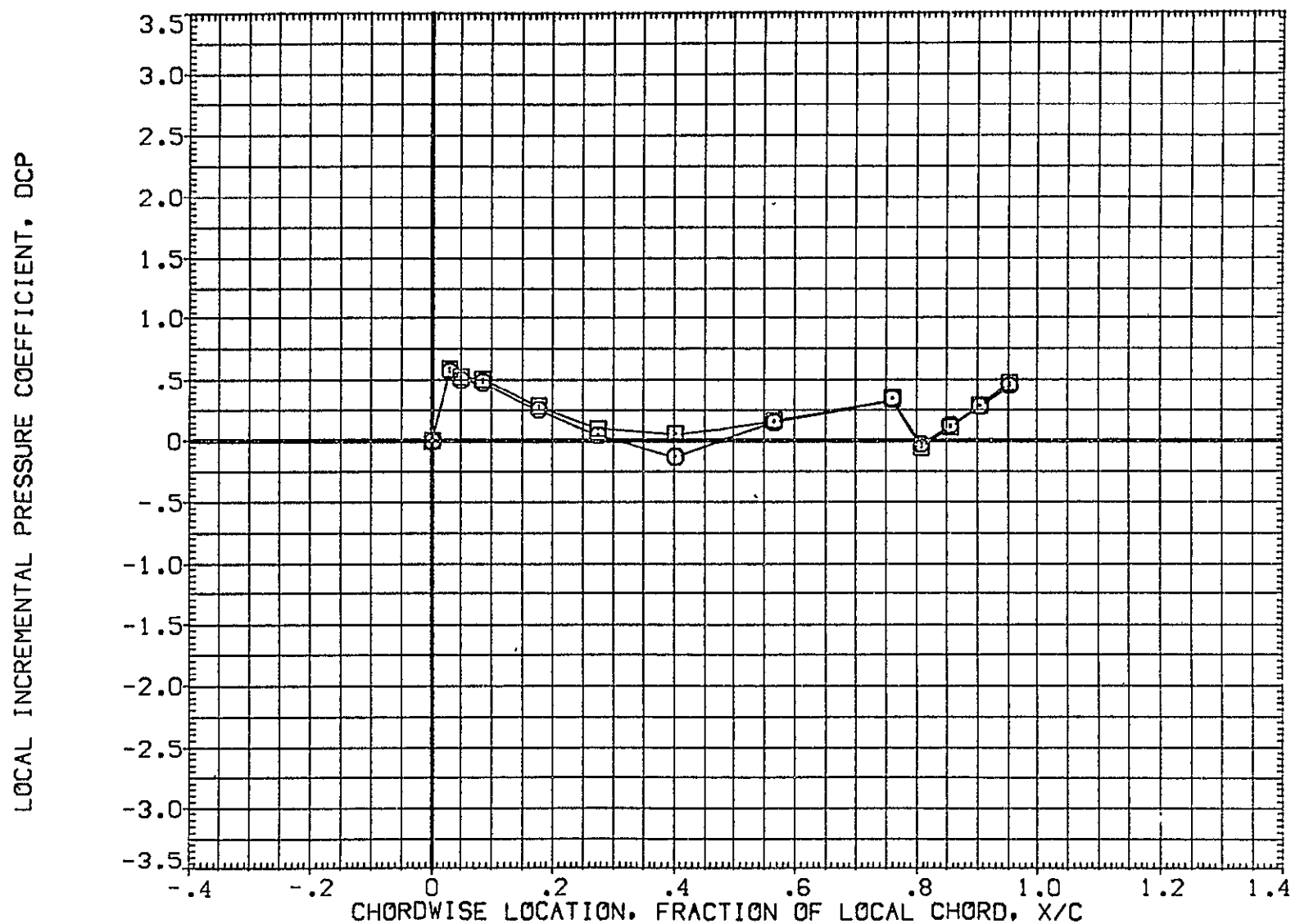


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -8.000 2Y/B = .436 PAGE 1313

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

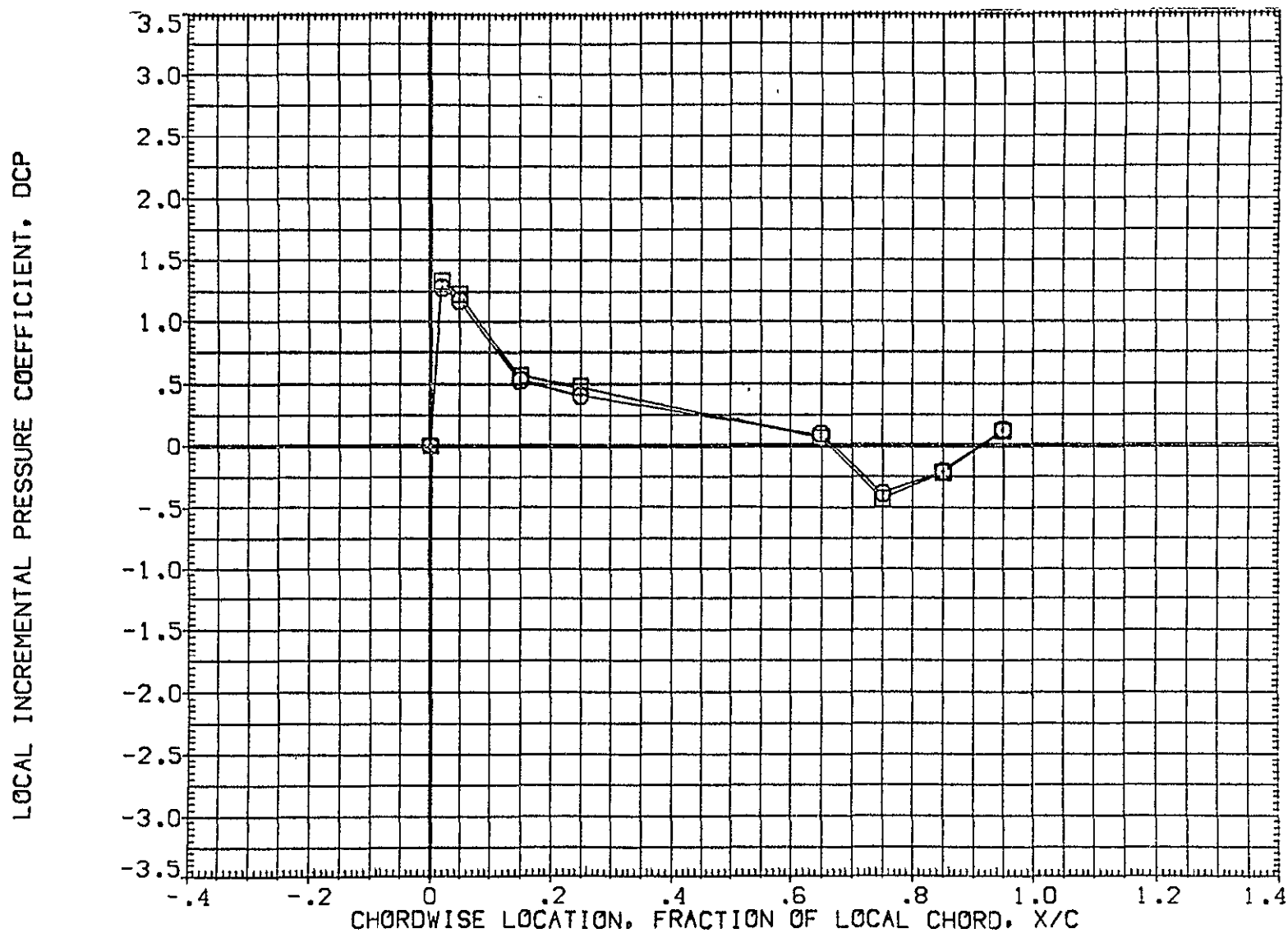


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055) ○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066) □	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

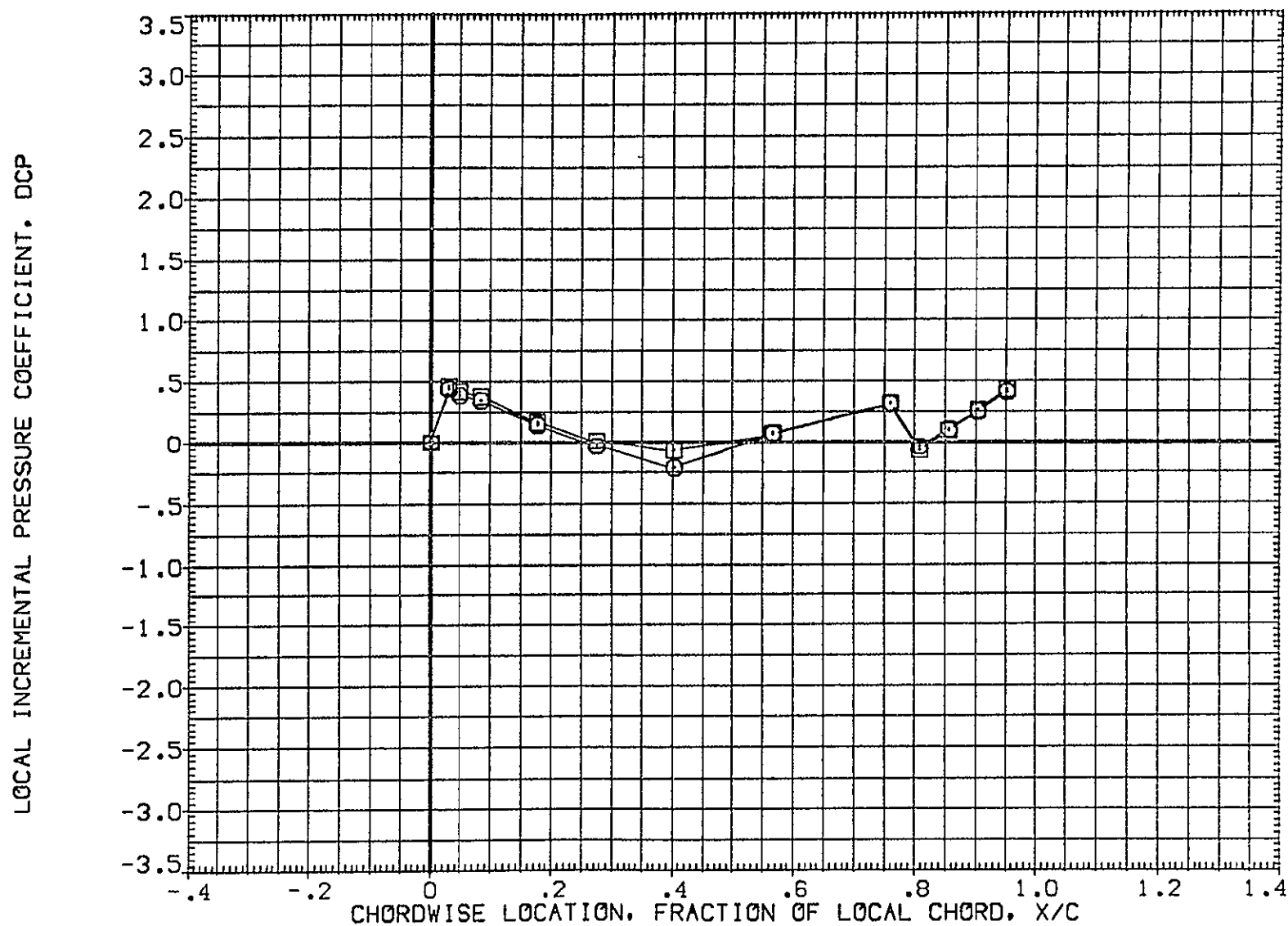


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 1315

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7055]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7066]	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

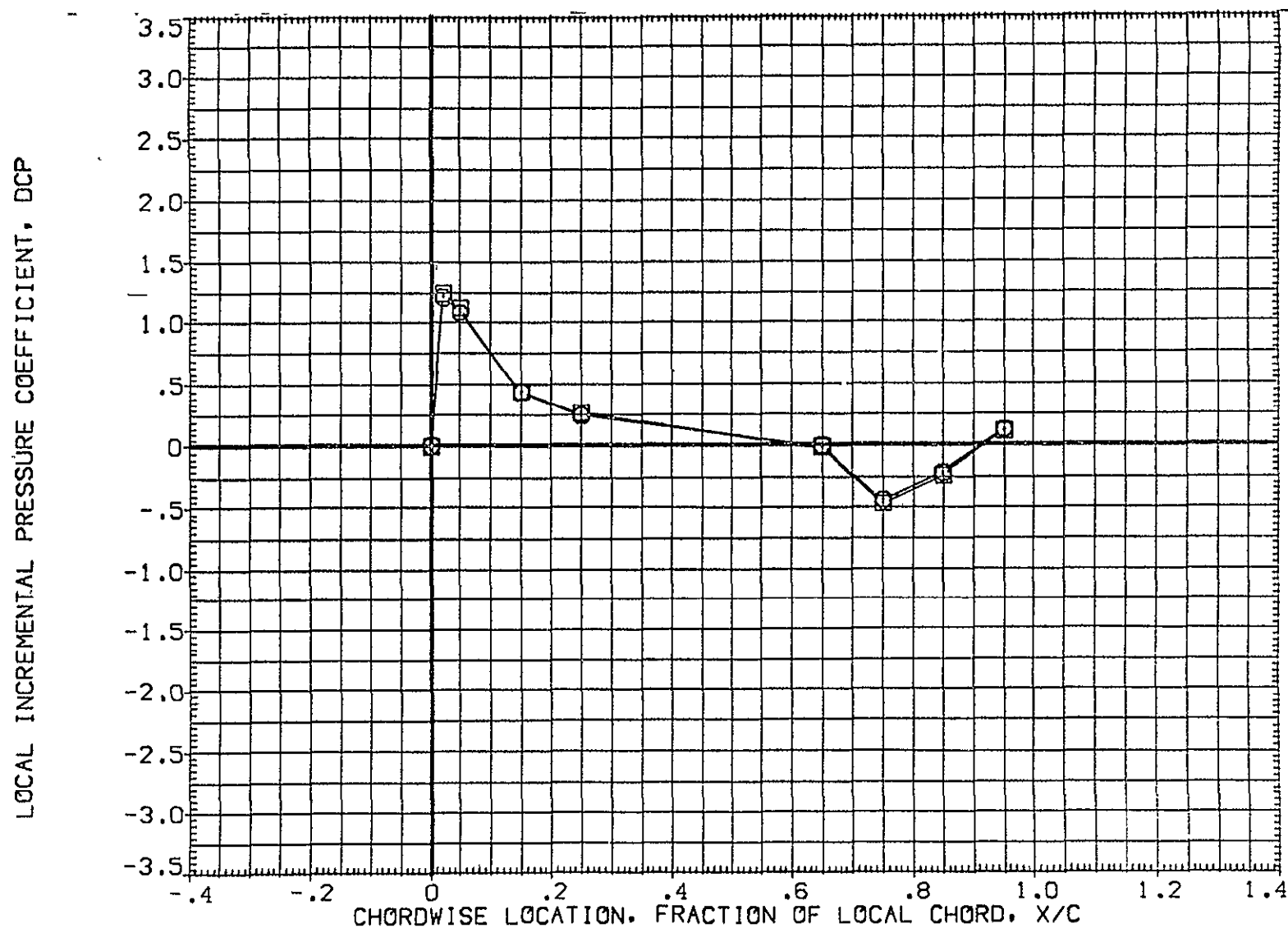


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000  $2Y/B = .771$

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7055]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
[AF7066]	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

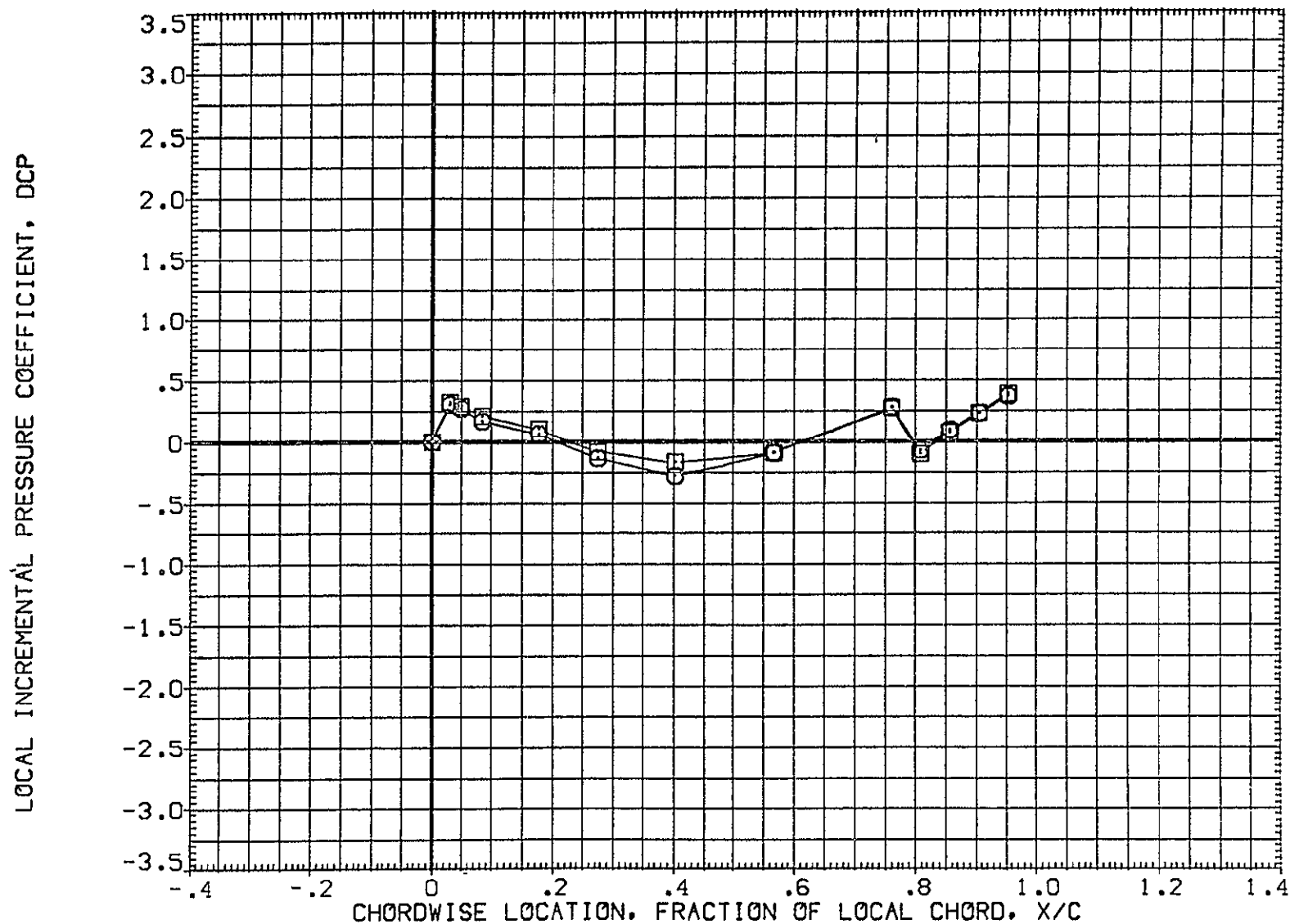


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

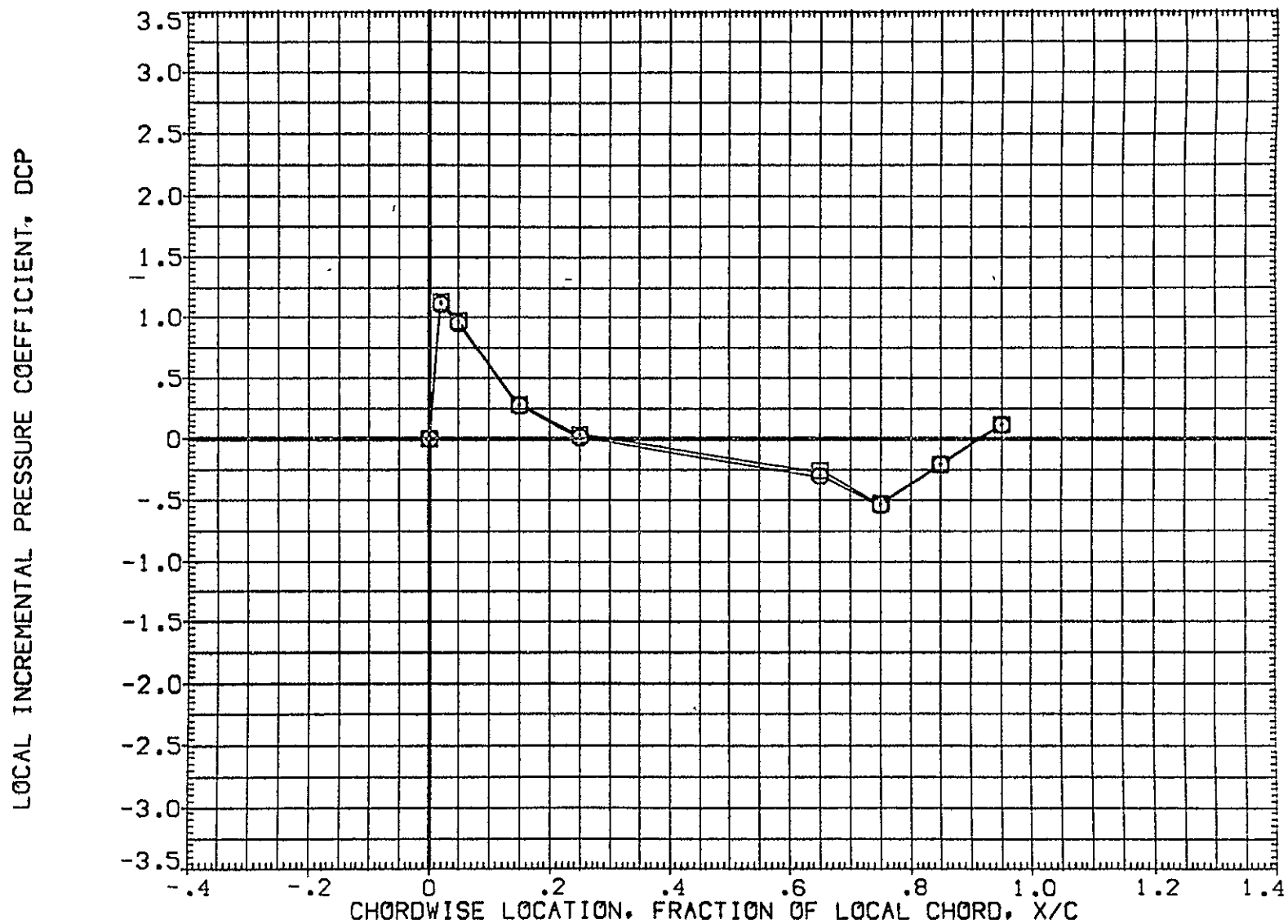


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 1318

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

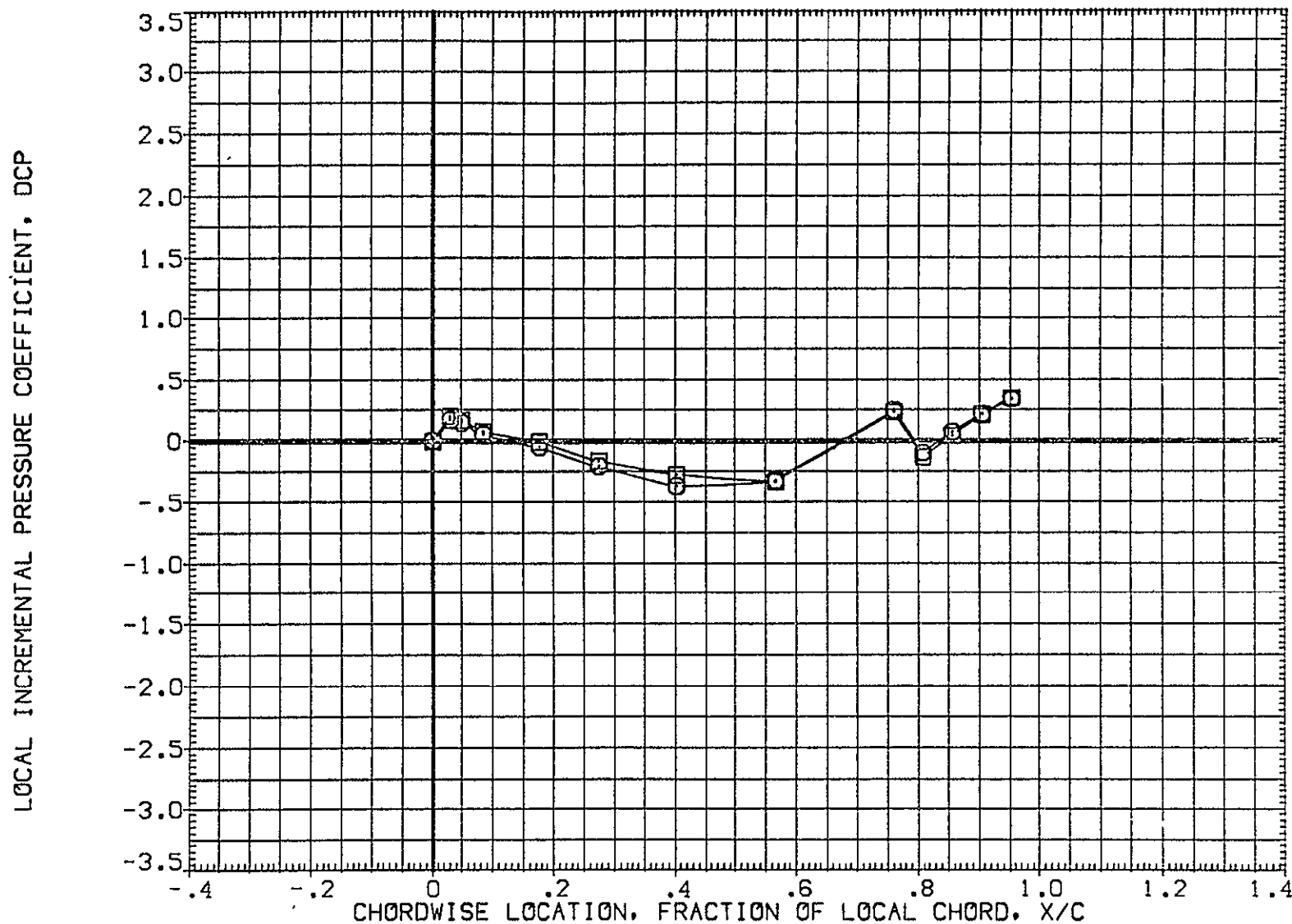


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 1319



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

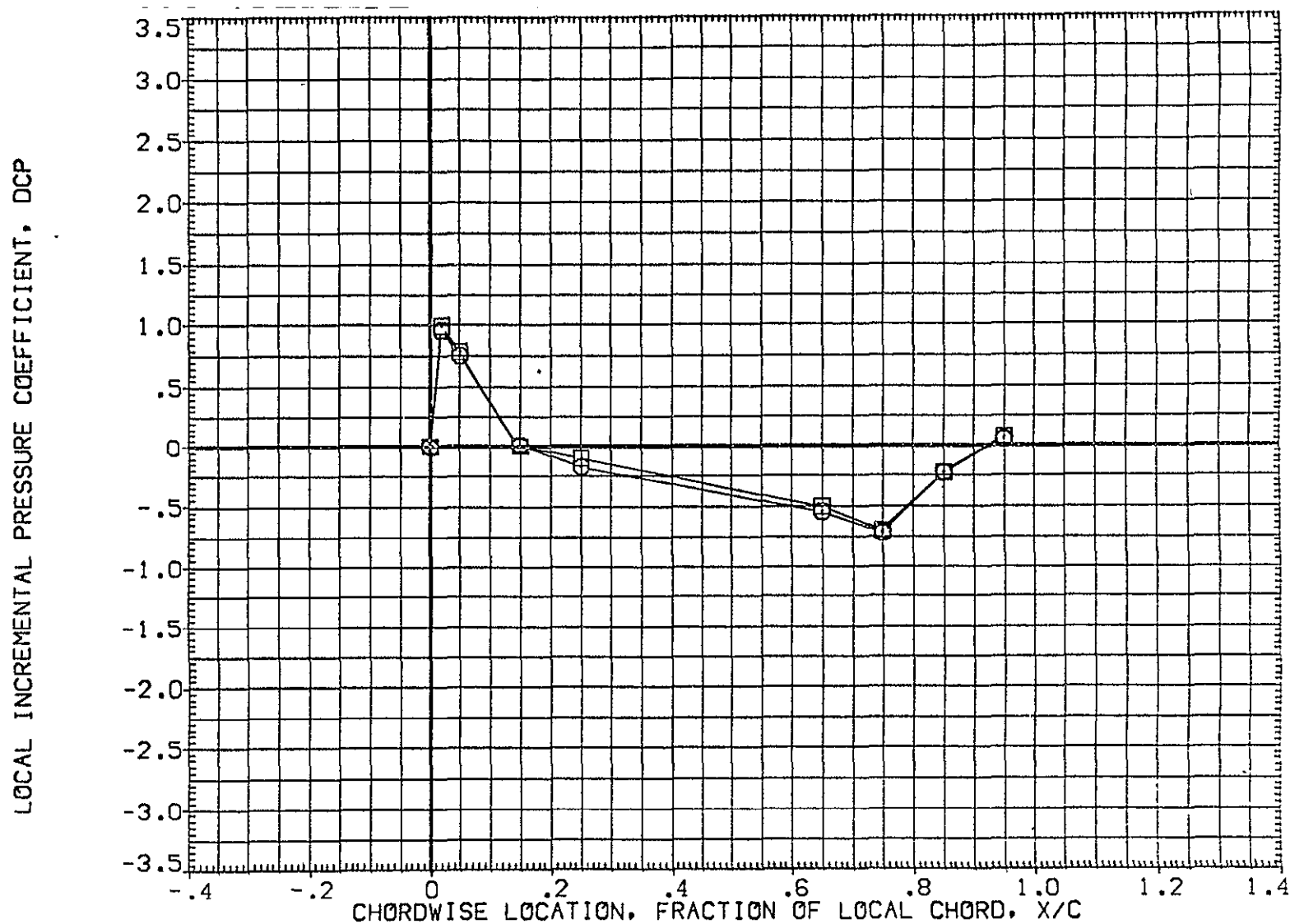


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055) ○	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066) □	IA70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

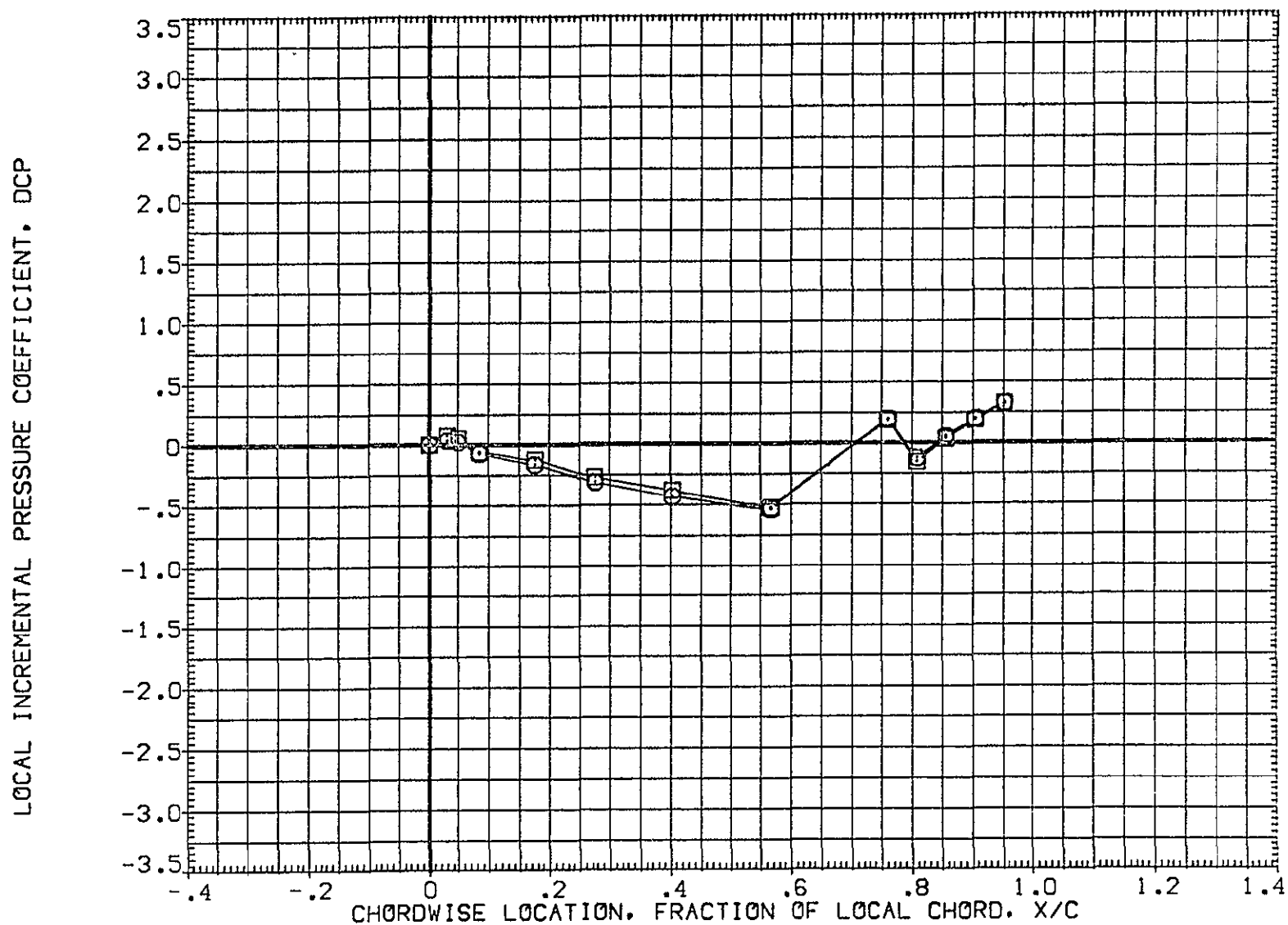


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7066}	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

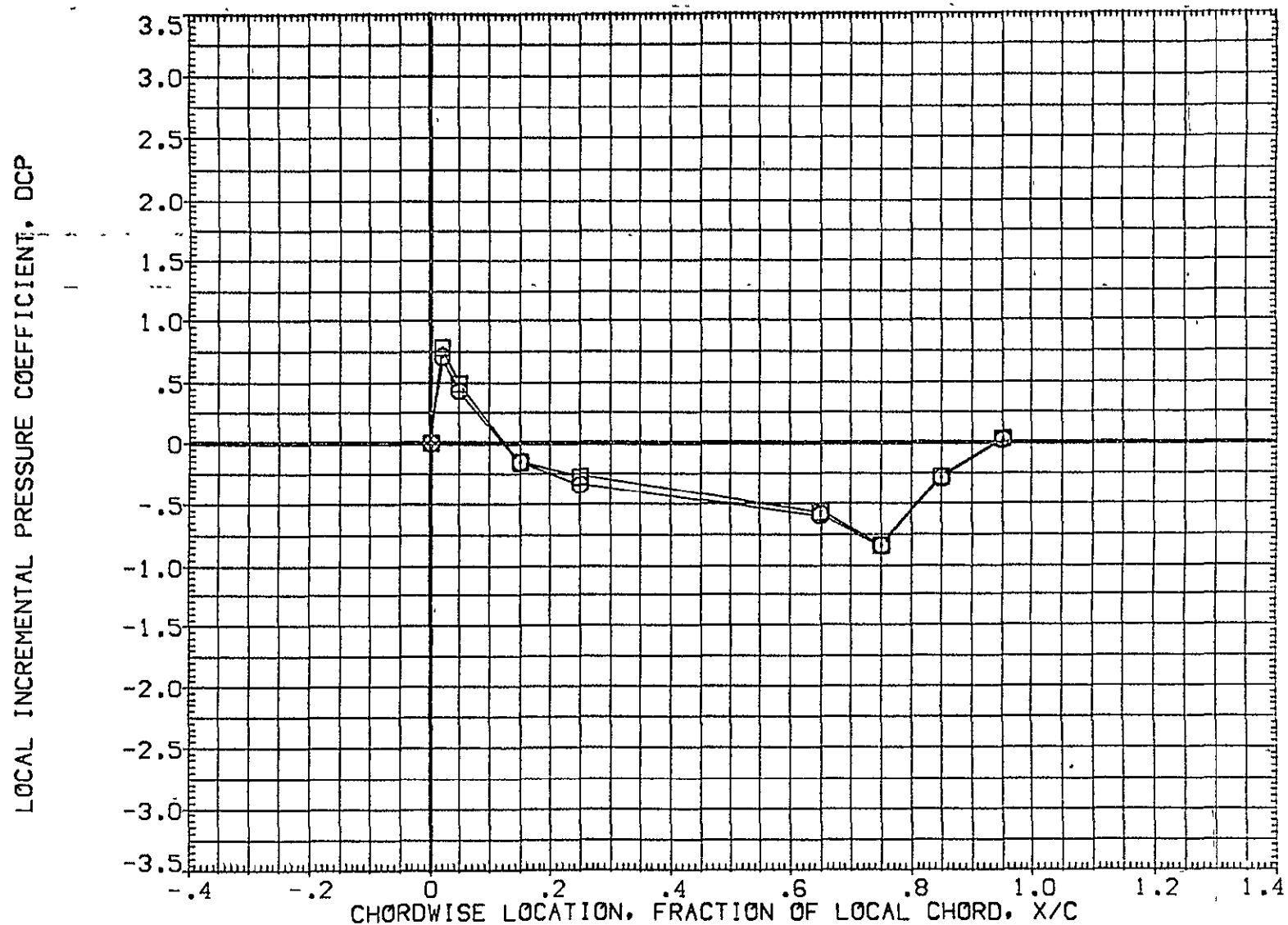


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

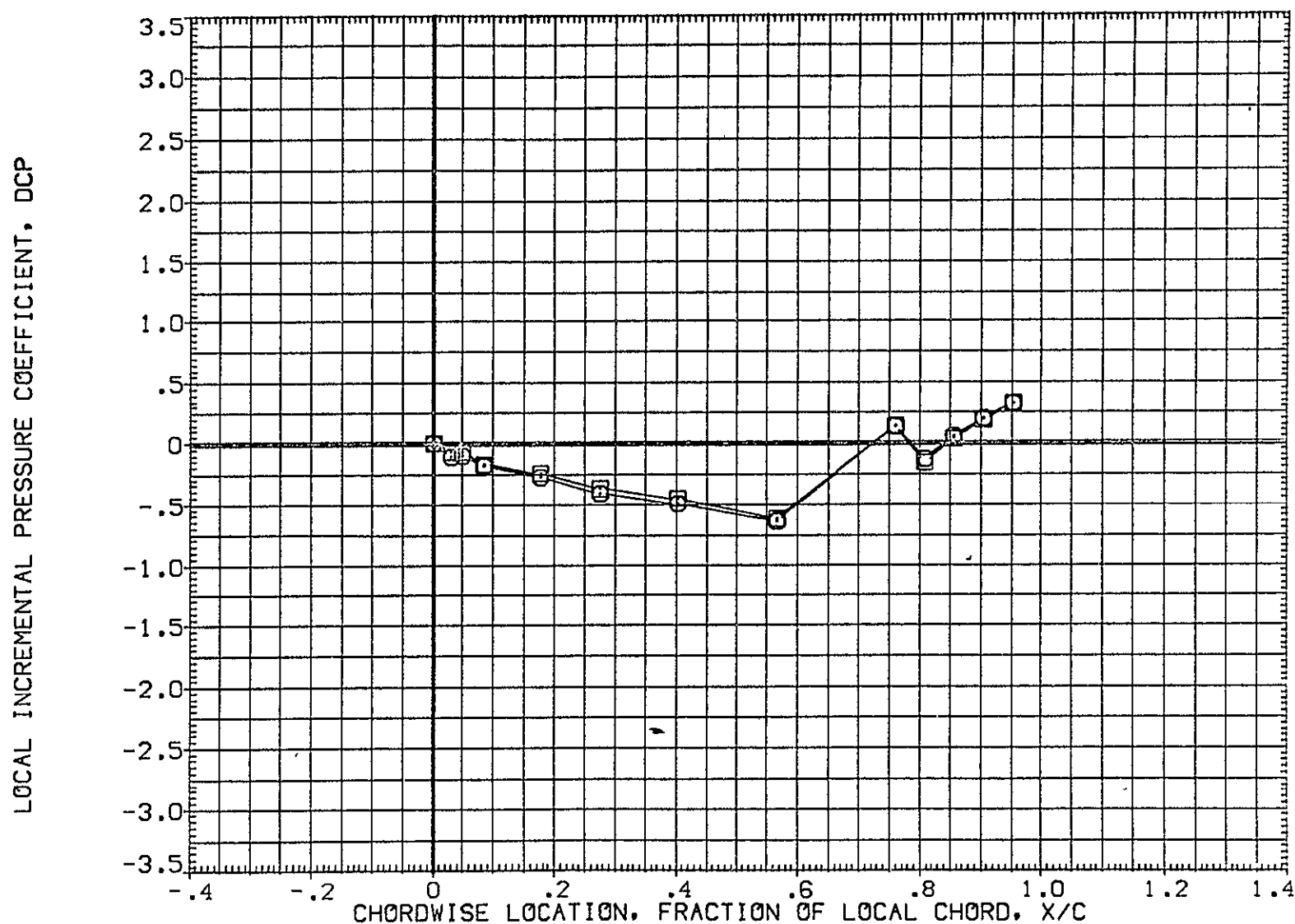


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

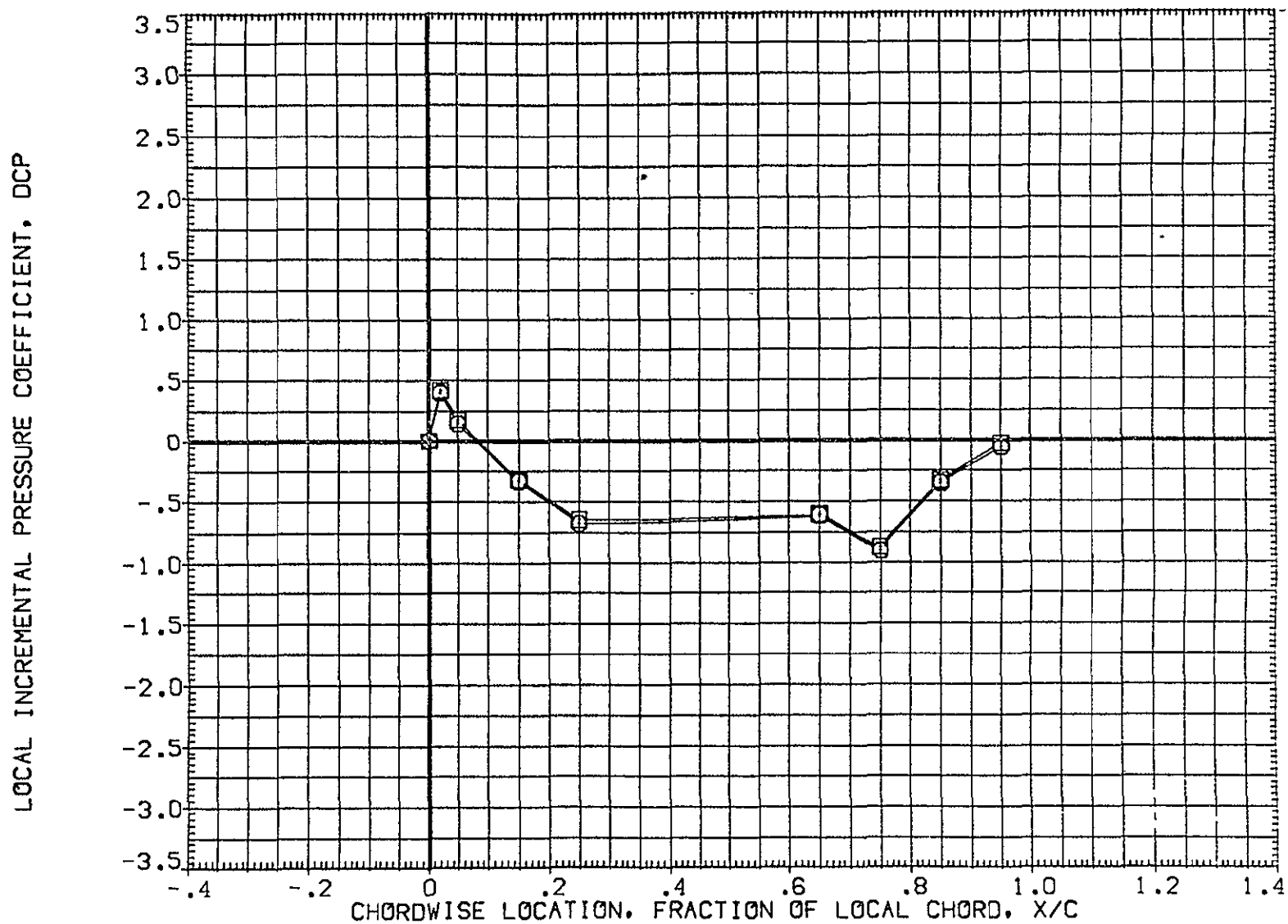


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 2.000 2Y/B = .771 PAGE 1324

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7066}	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

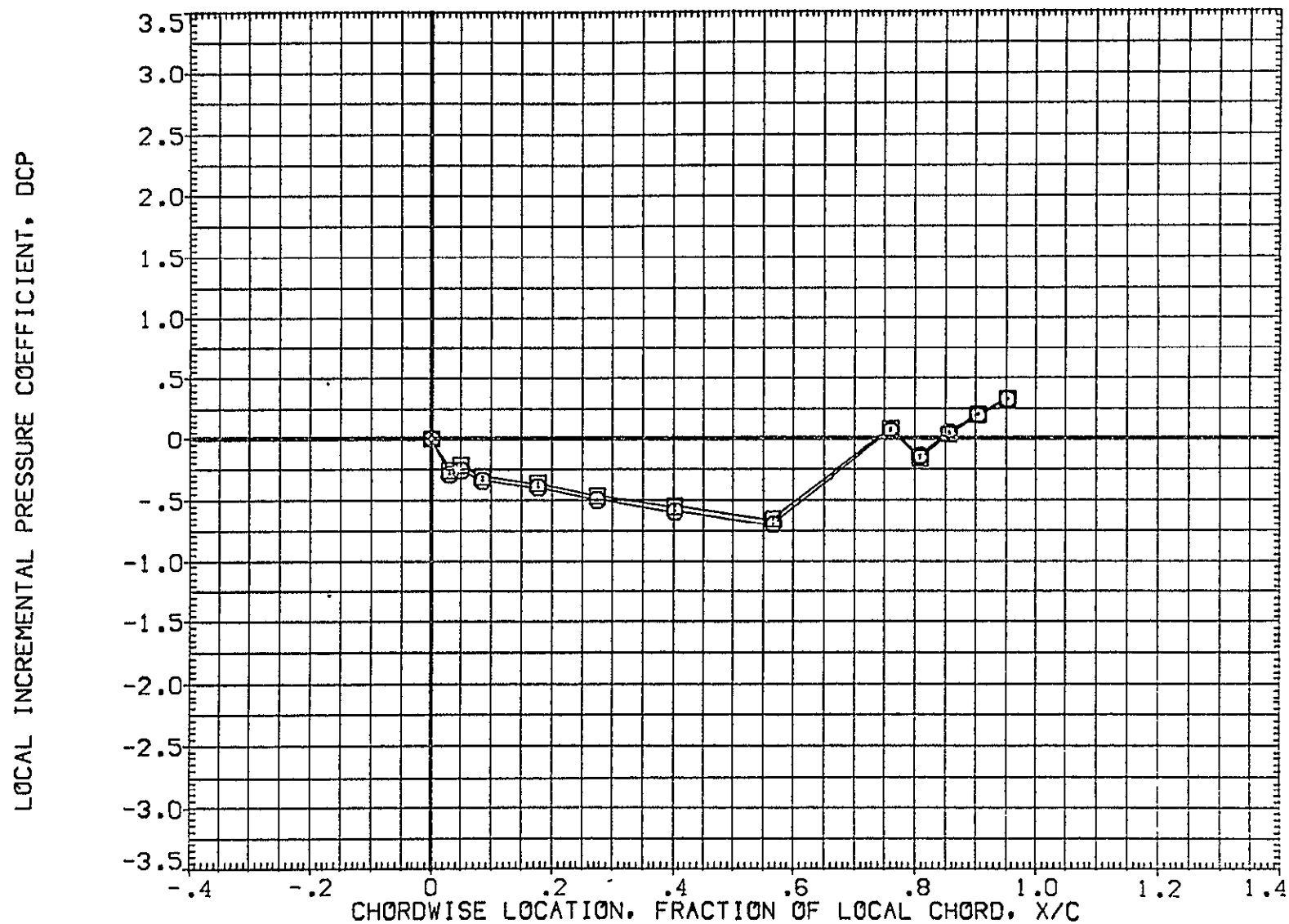


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

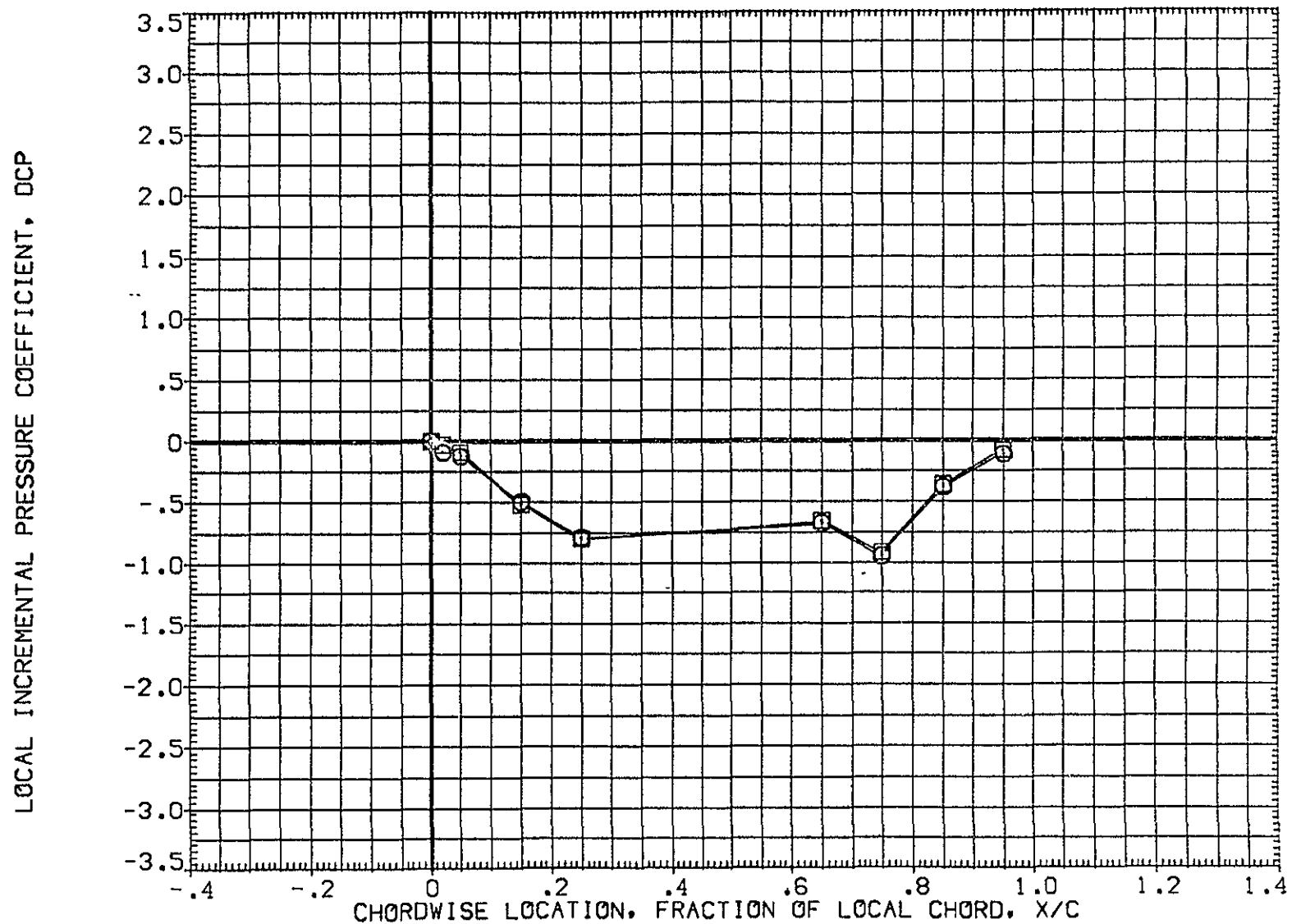


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7055}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
{AF7066}	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

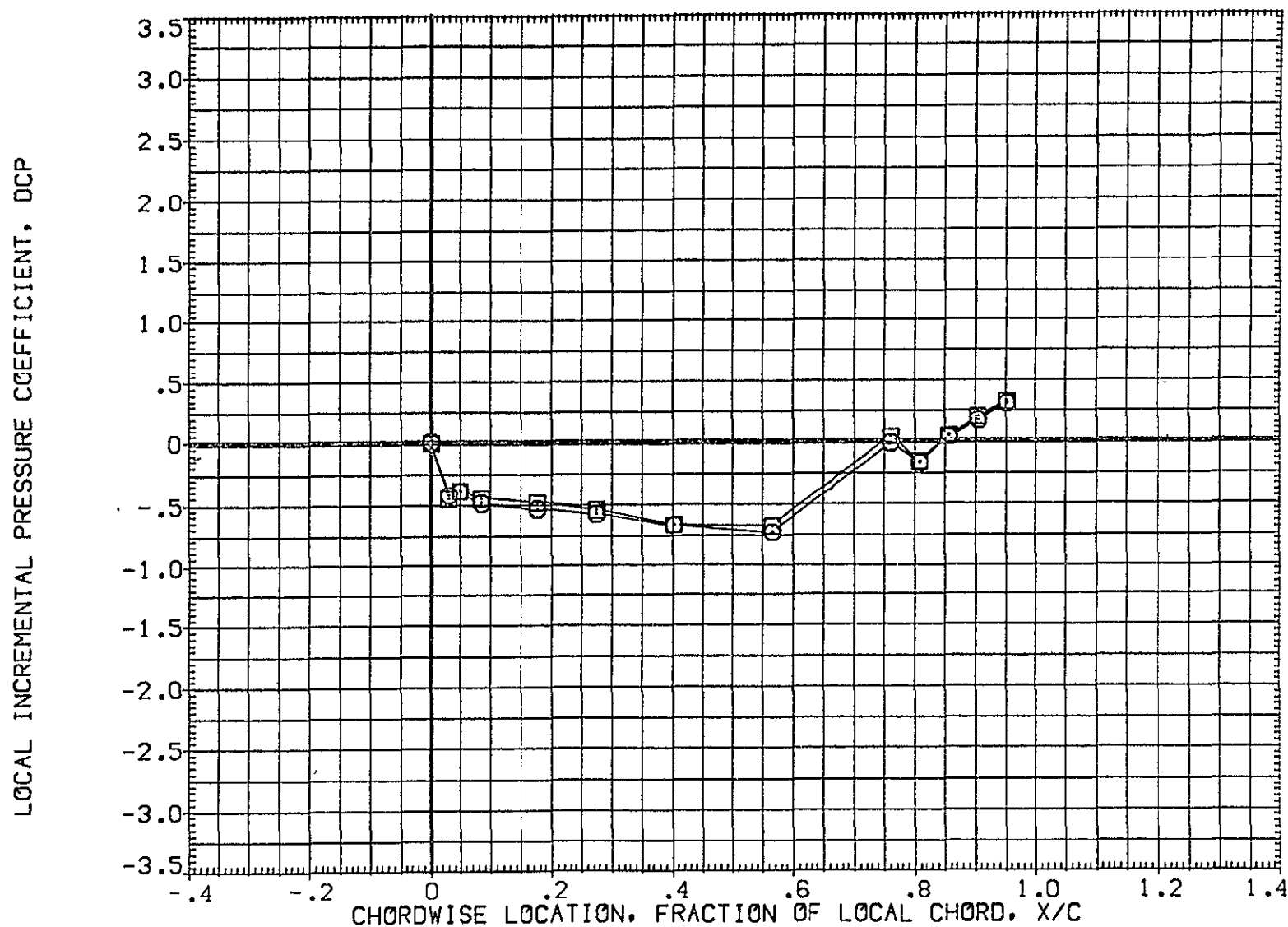


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	□ 1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	□ 1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

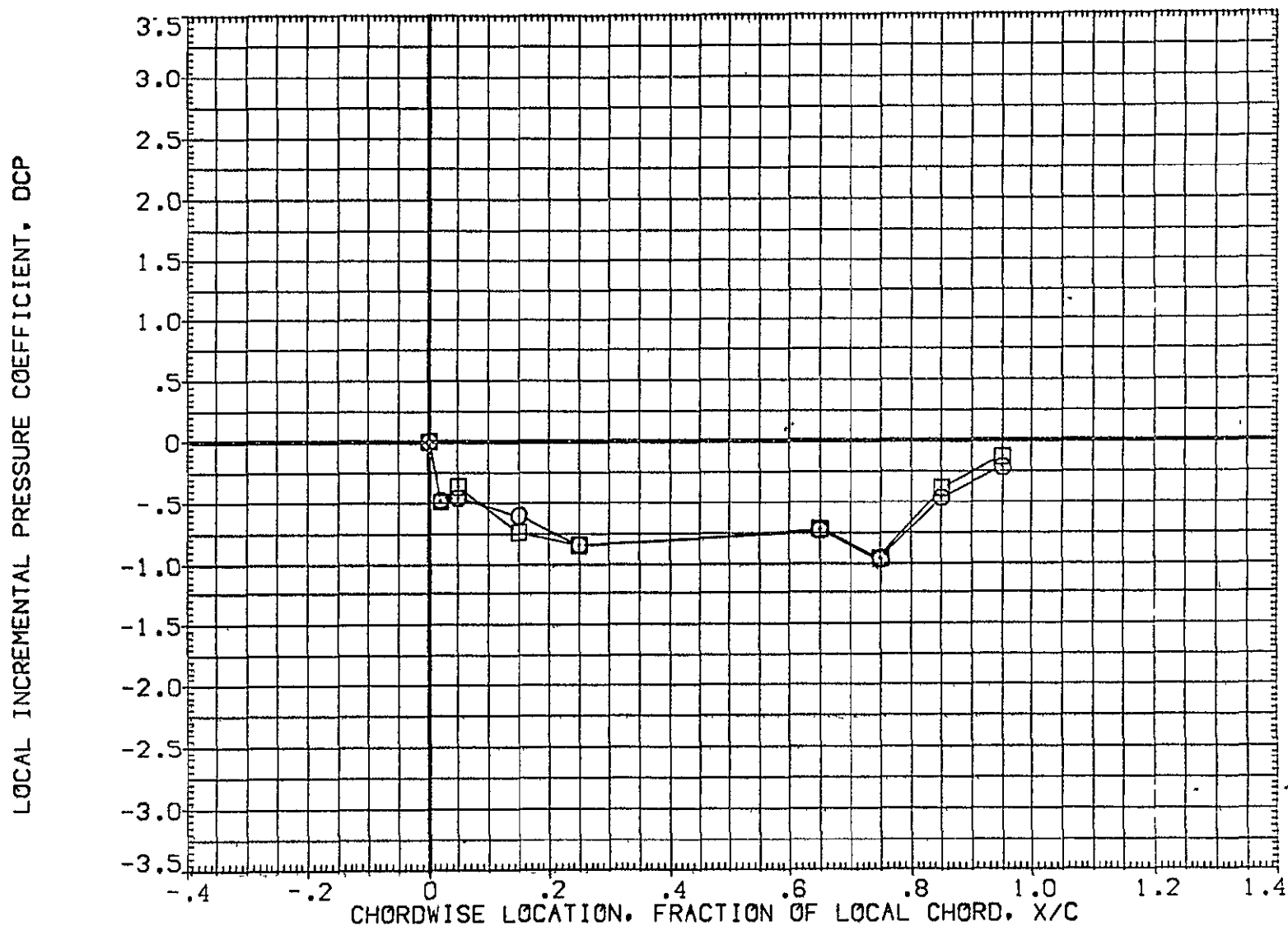


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MA<sub>CH</sub> = 1.240 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

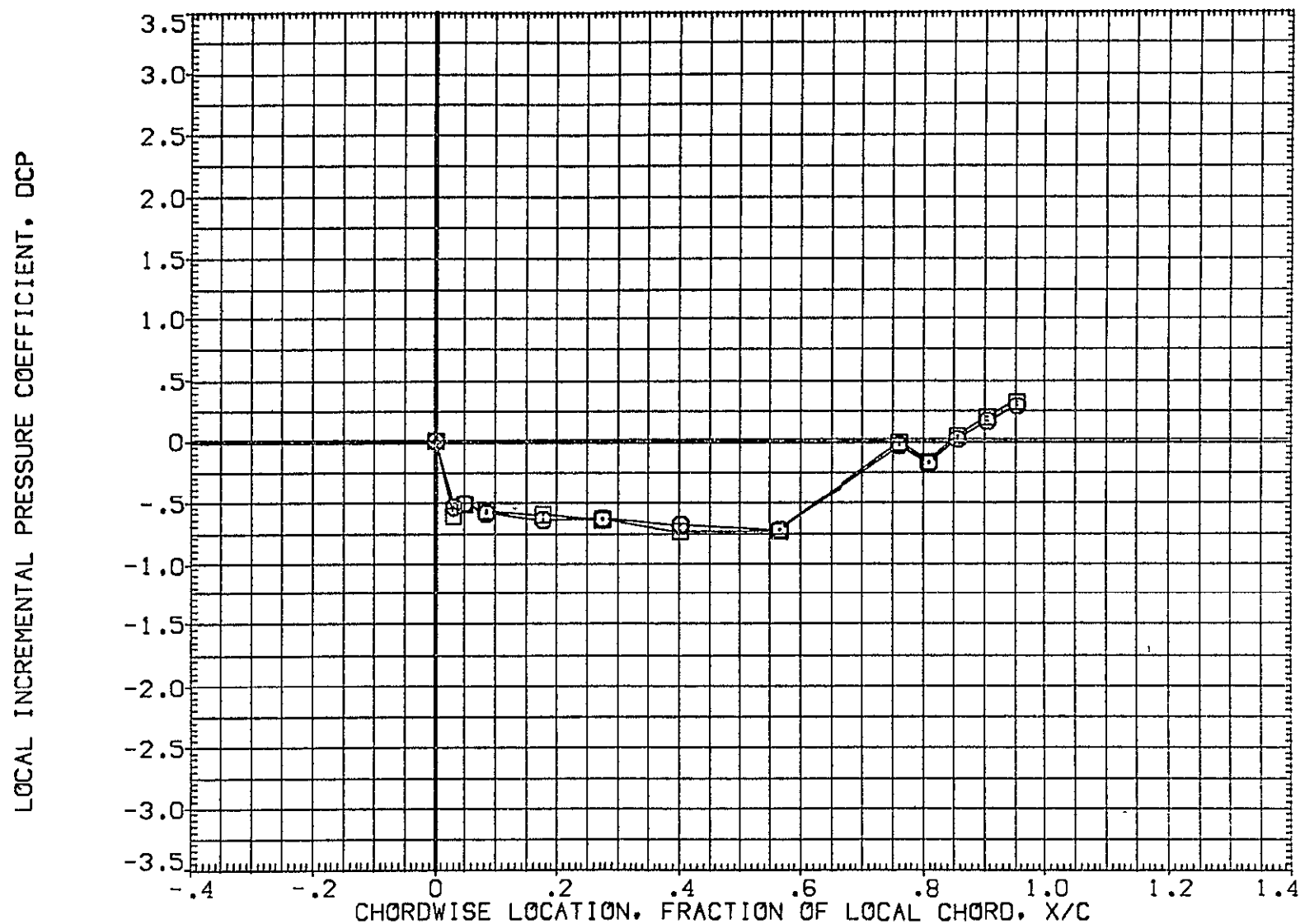


FIG 30 EFFECT OF FOREWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 1329

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7055)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000
(AF7066)	IA70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	8.000	8.000	8.000	8.000

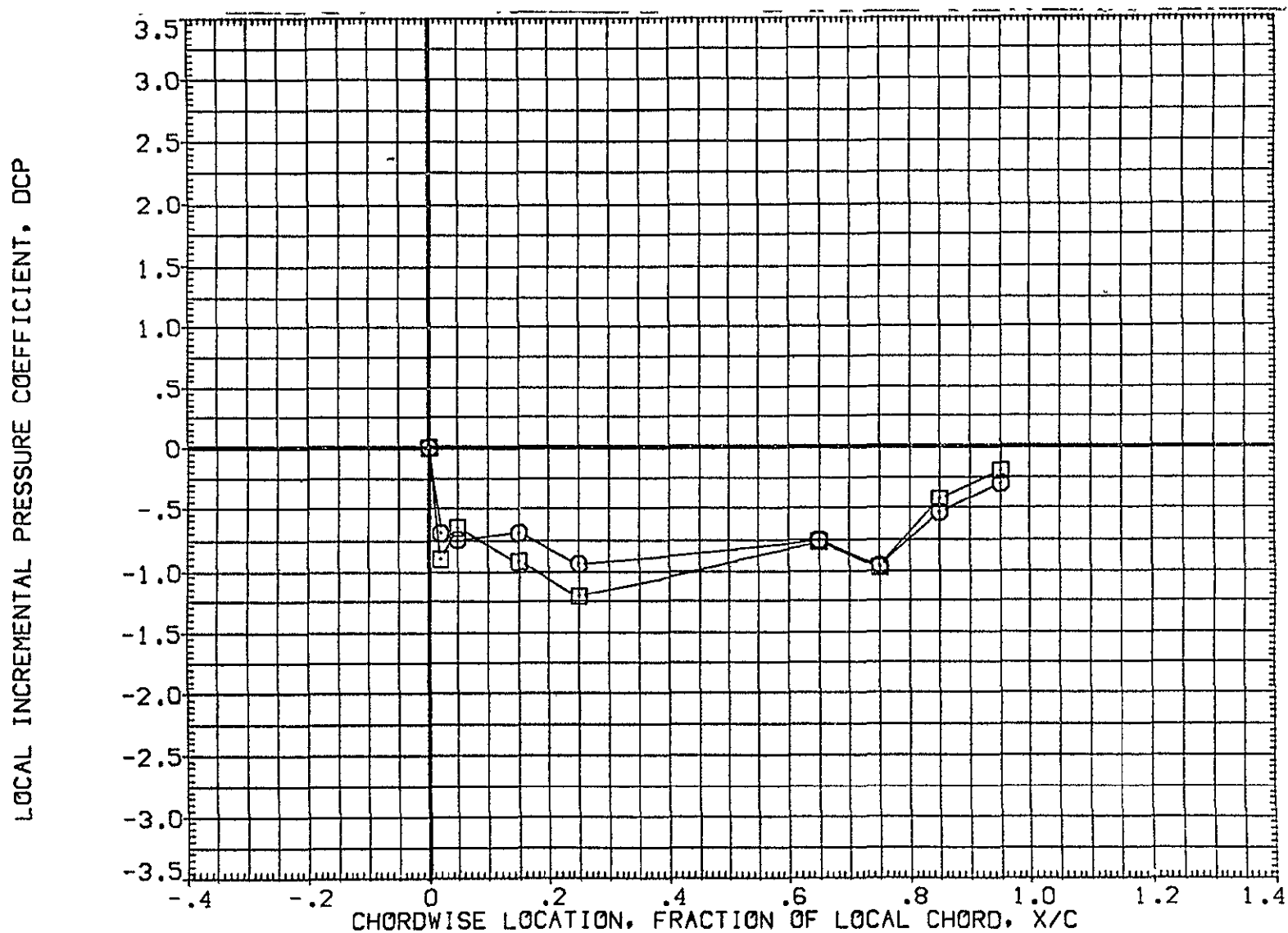


FIG 30 EFFECT OF FORWARD ATTACH POINT WEDGE, 8 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U67]	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

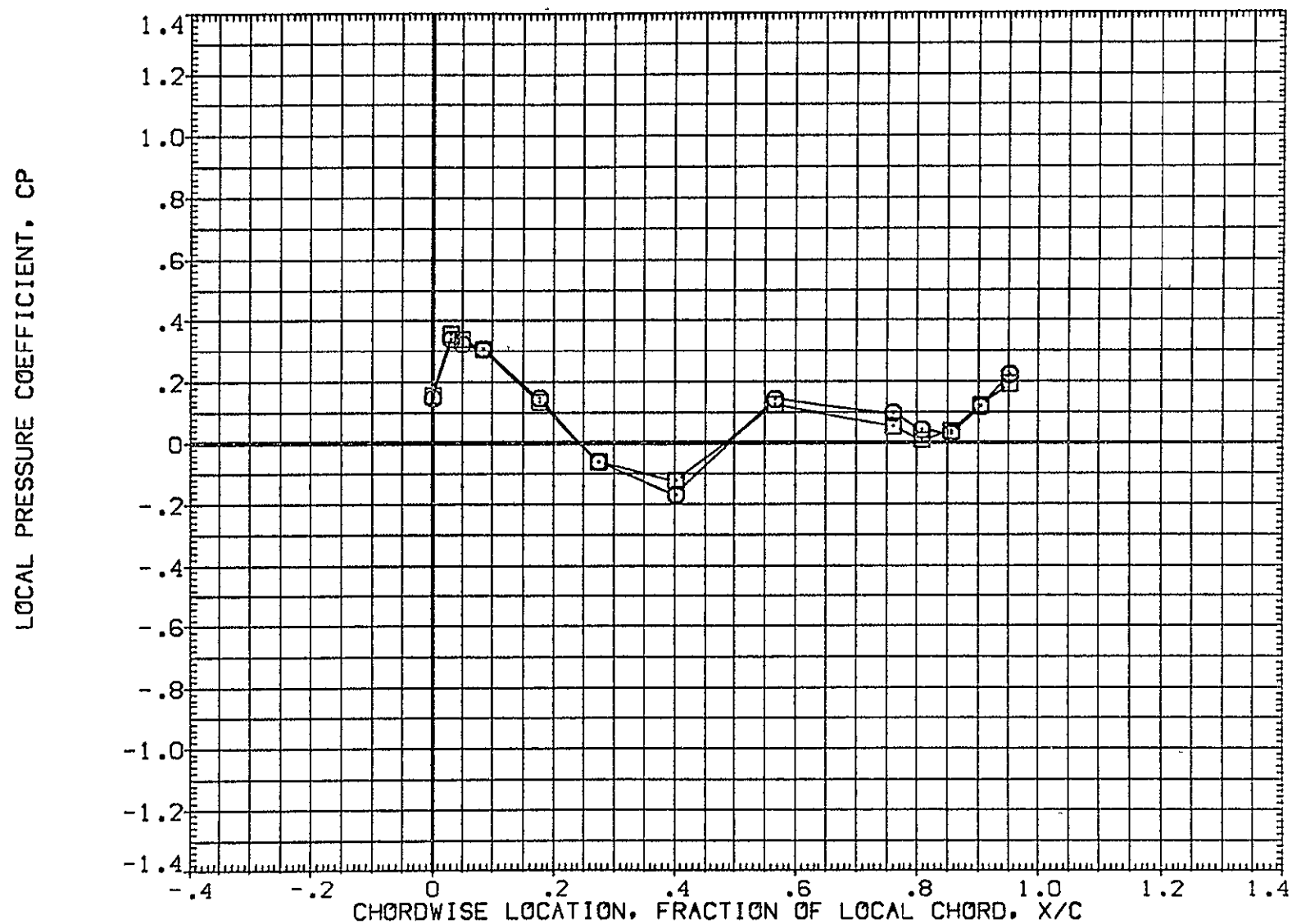


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436 PAGE 1331

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U57)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000

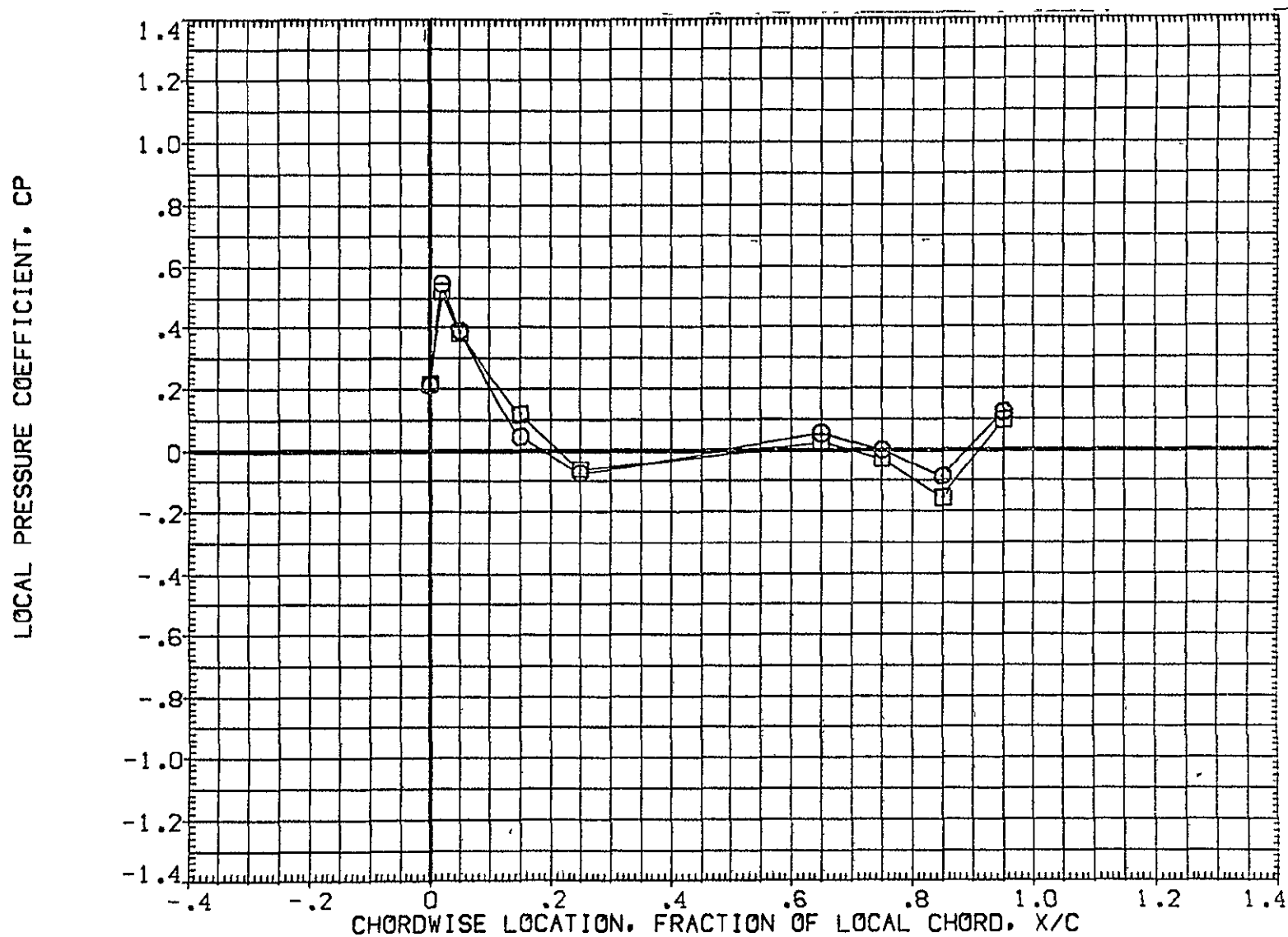


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U67}	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

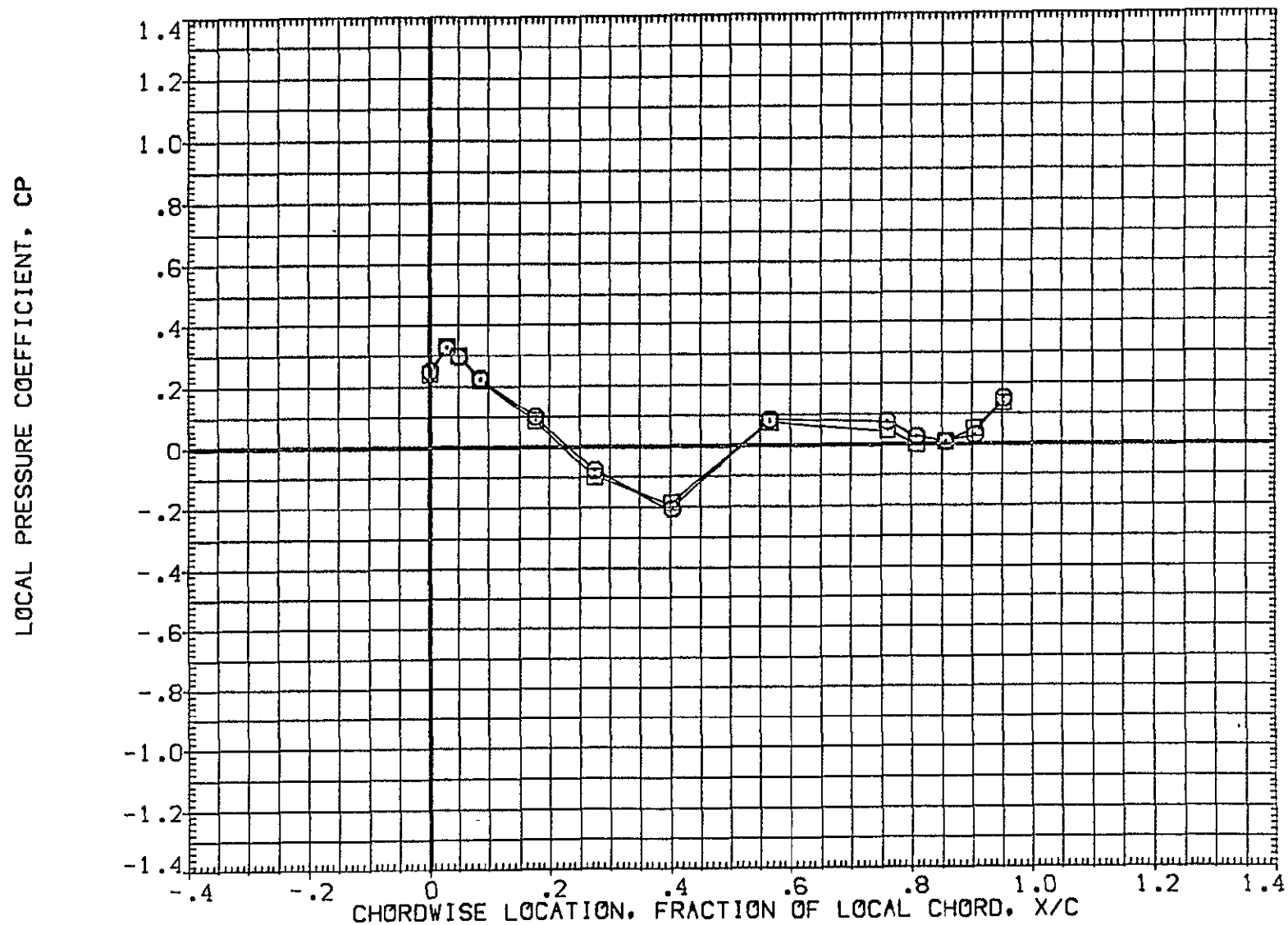


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

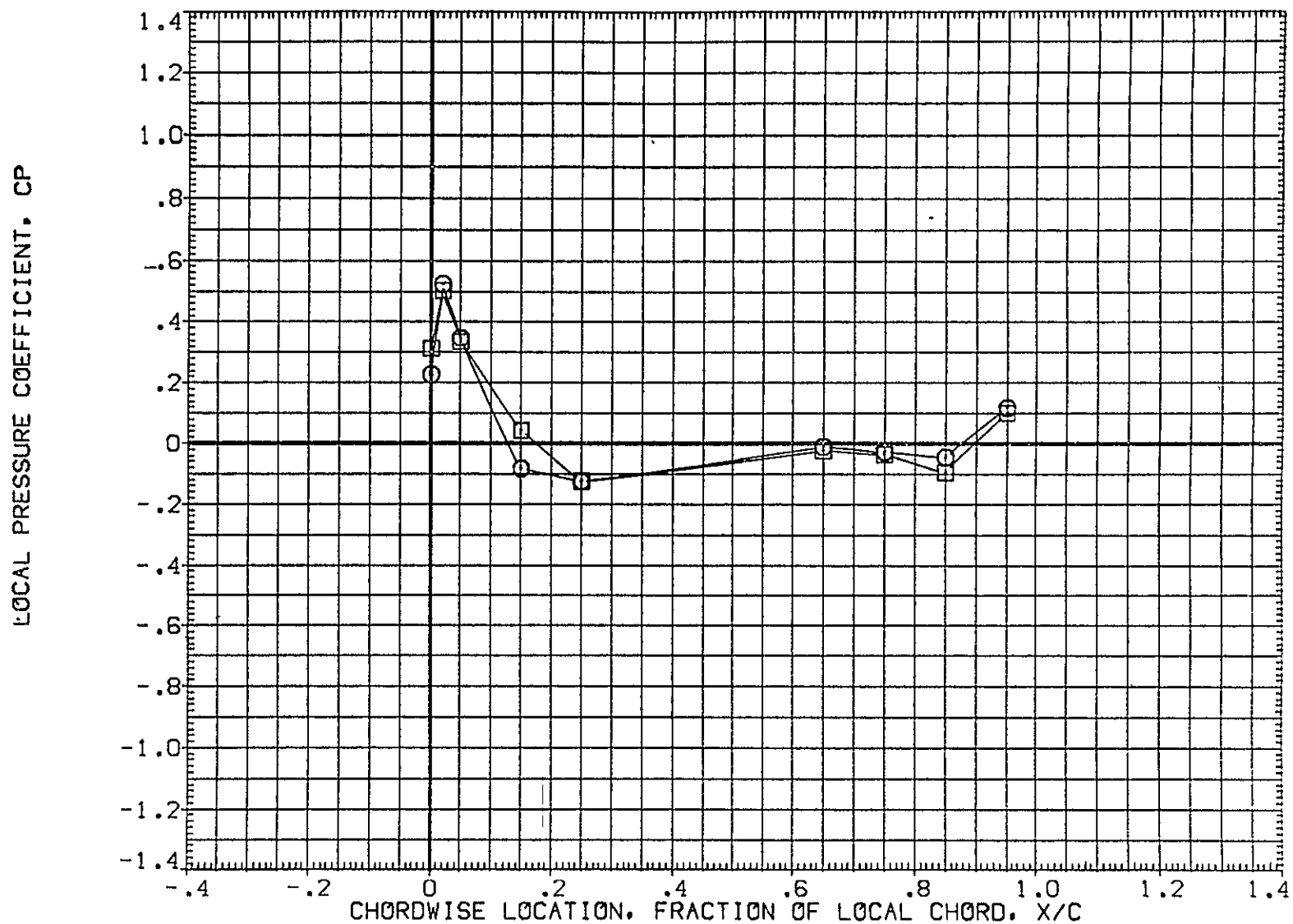


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

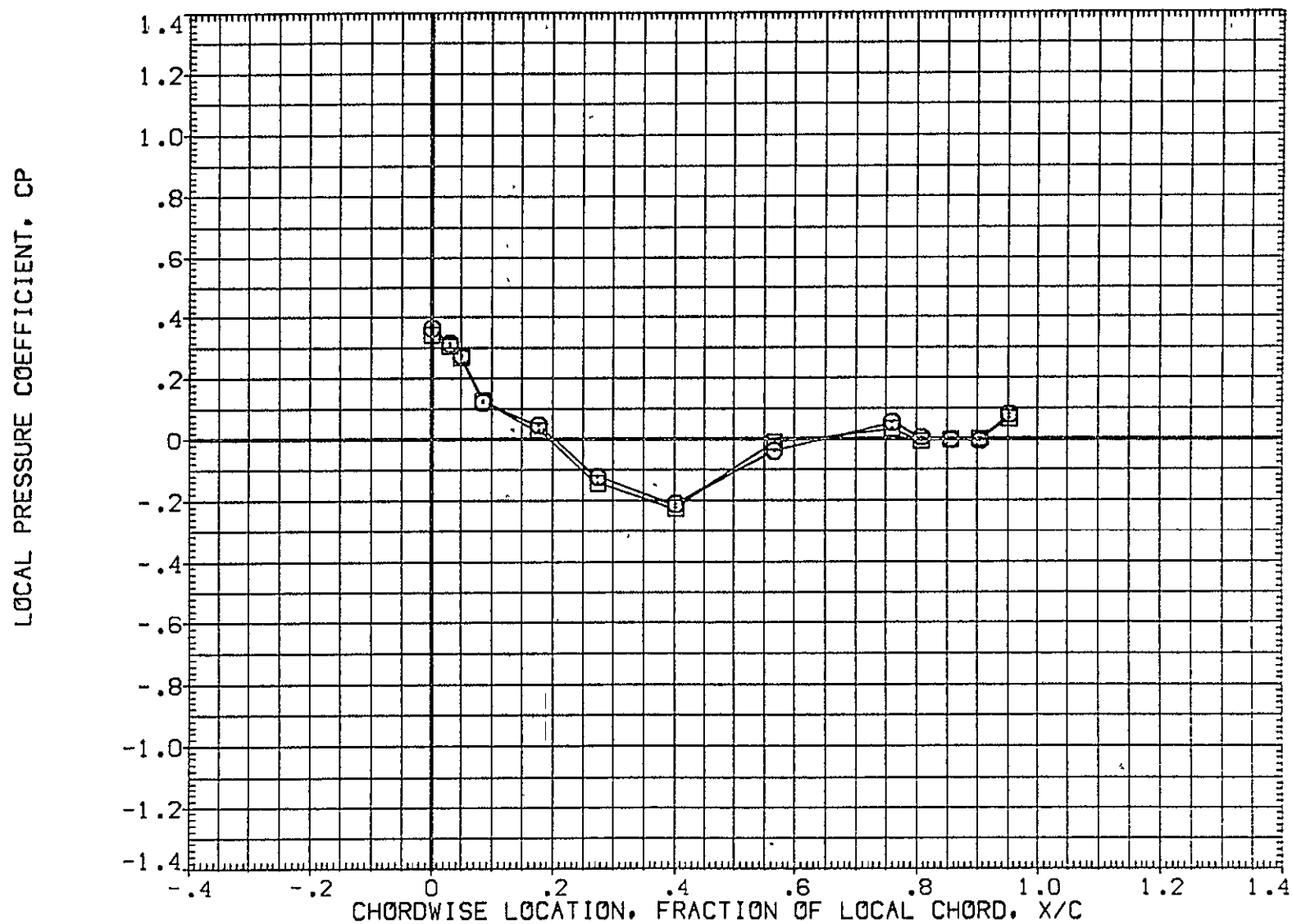


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 1335



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

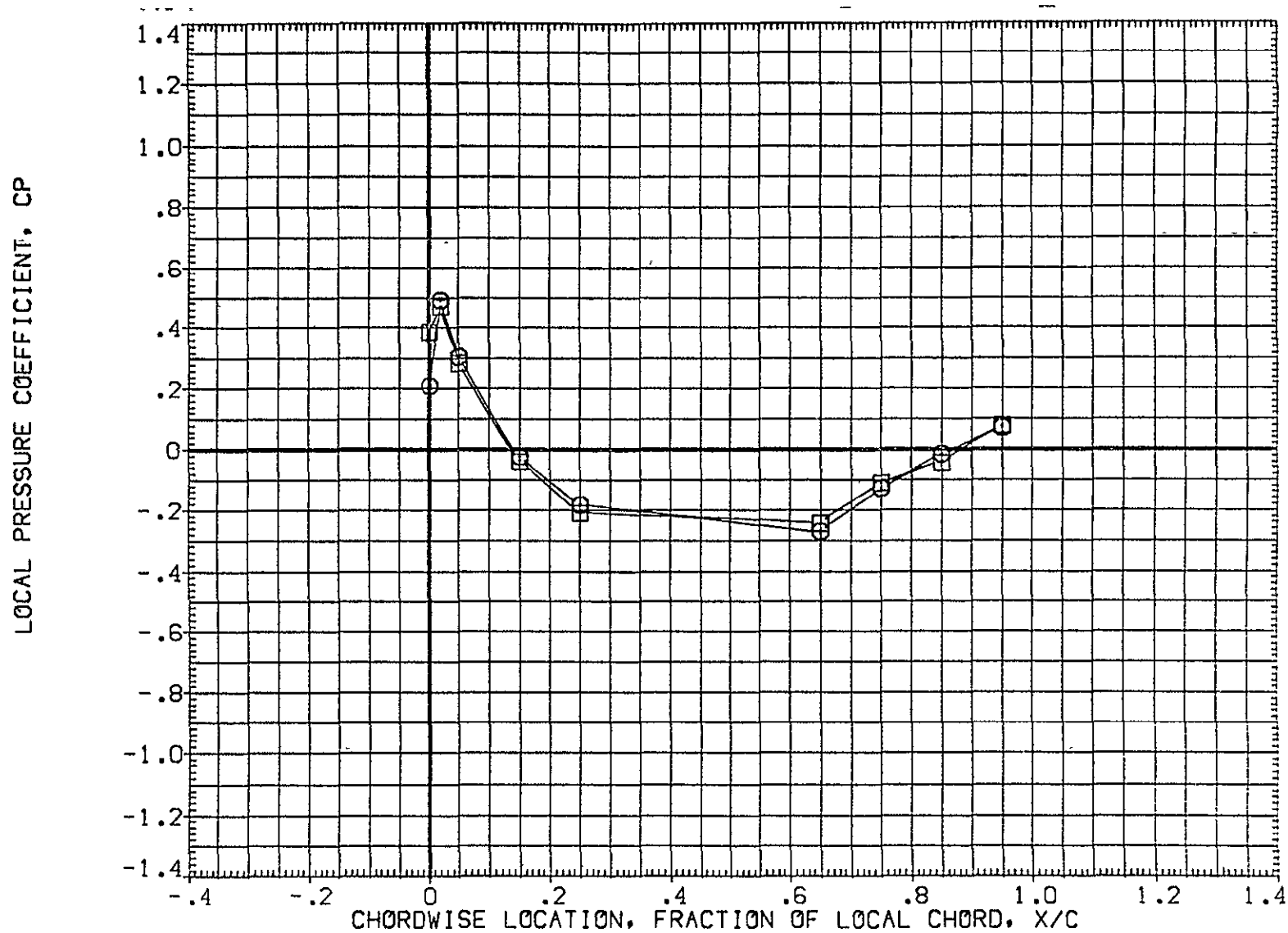


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U57}	IA70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

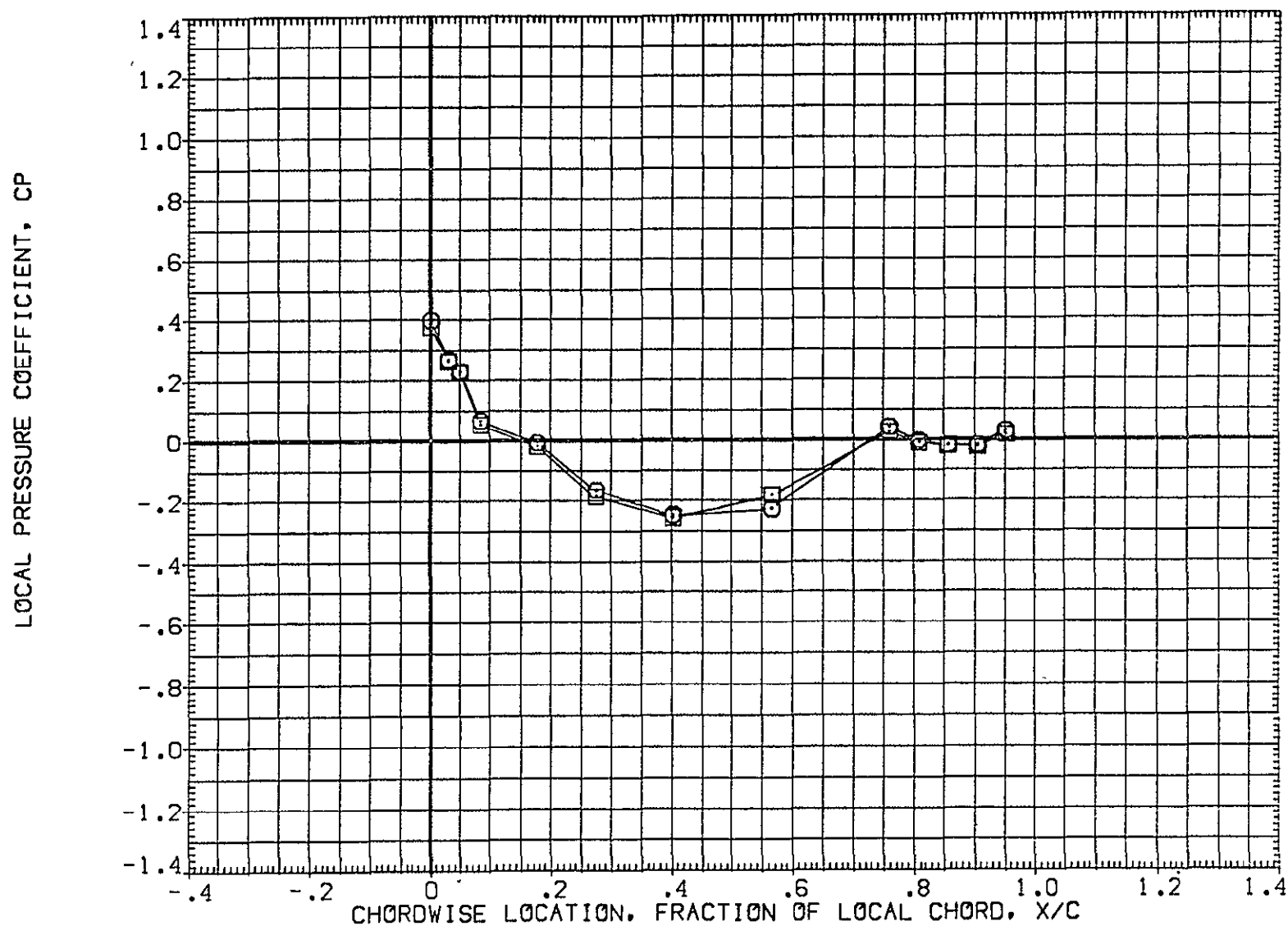


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U67]	1A70 01 T12 S1 P2 P9	.000	.000	.000	.000

LOCAL PRESSURE COEFFICIENT, CP

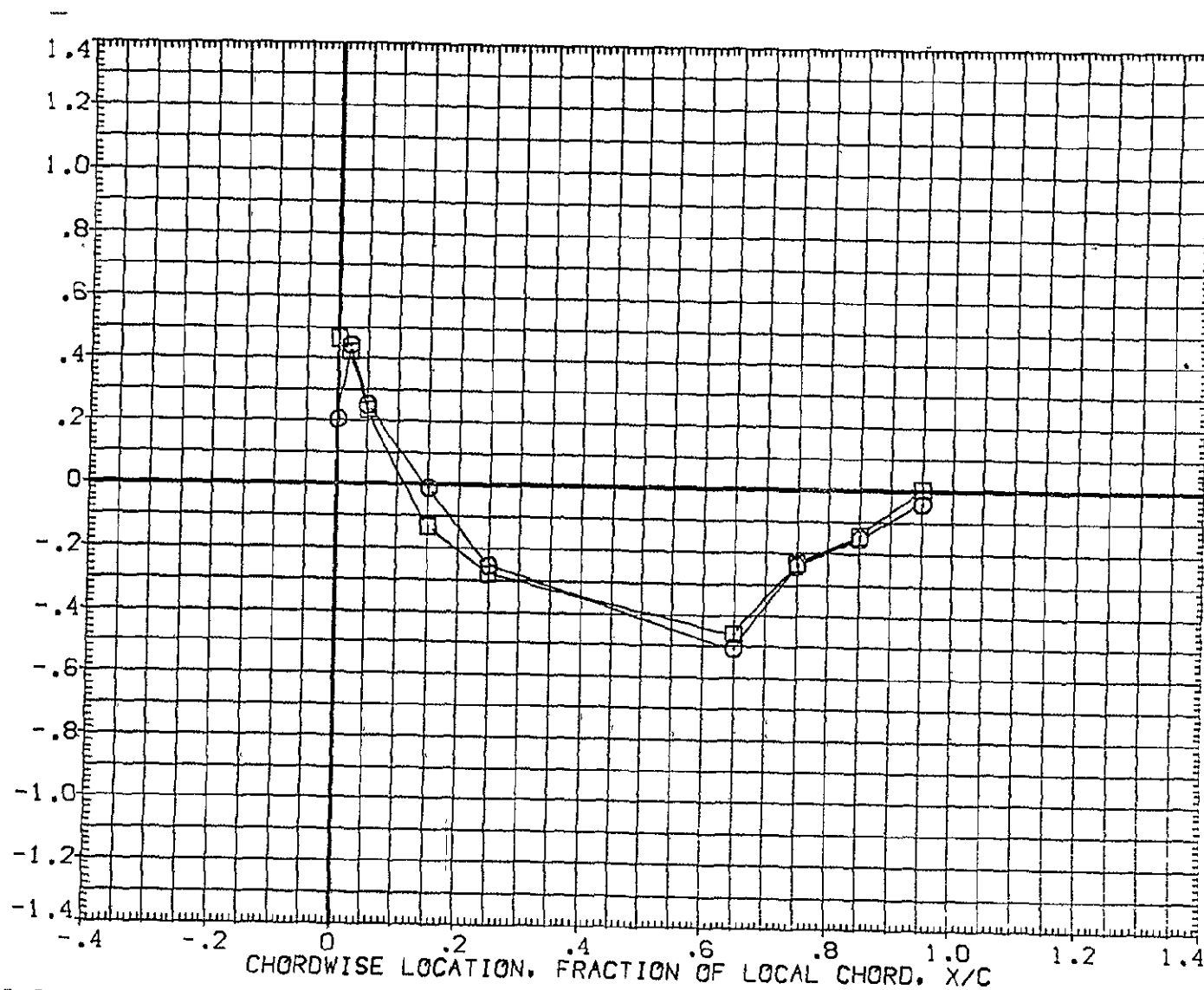


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

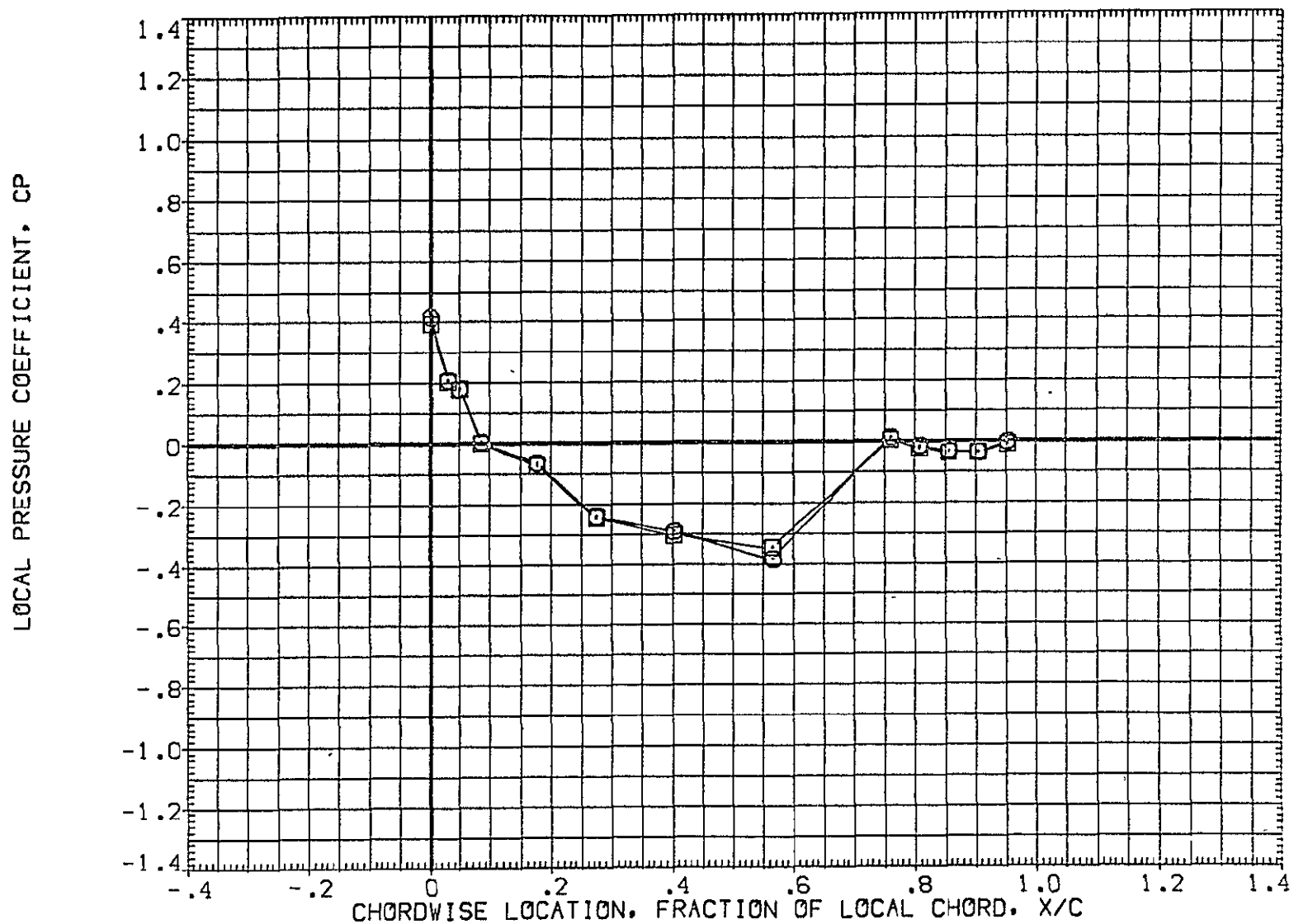


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A7D 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A7D 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

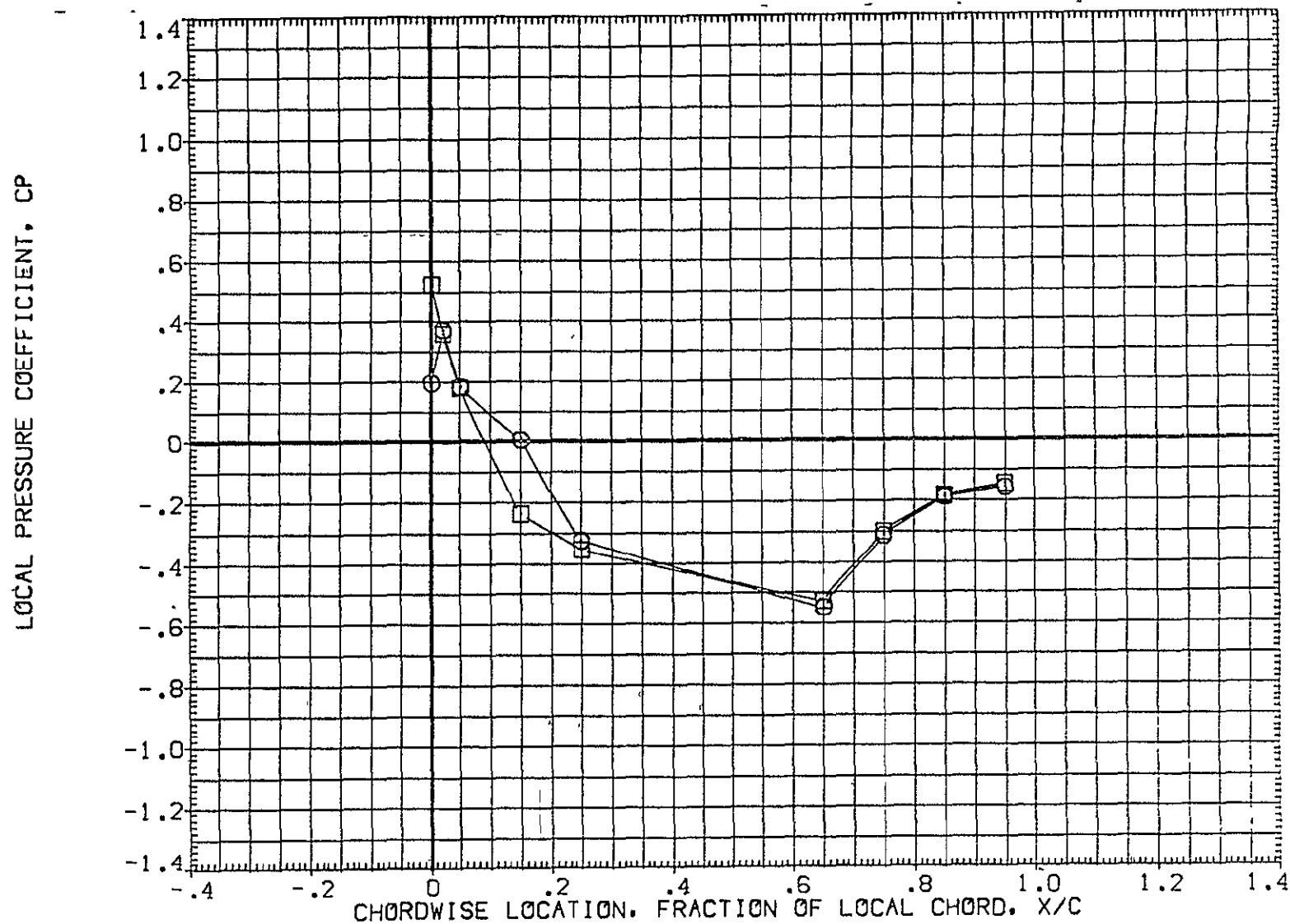


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

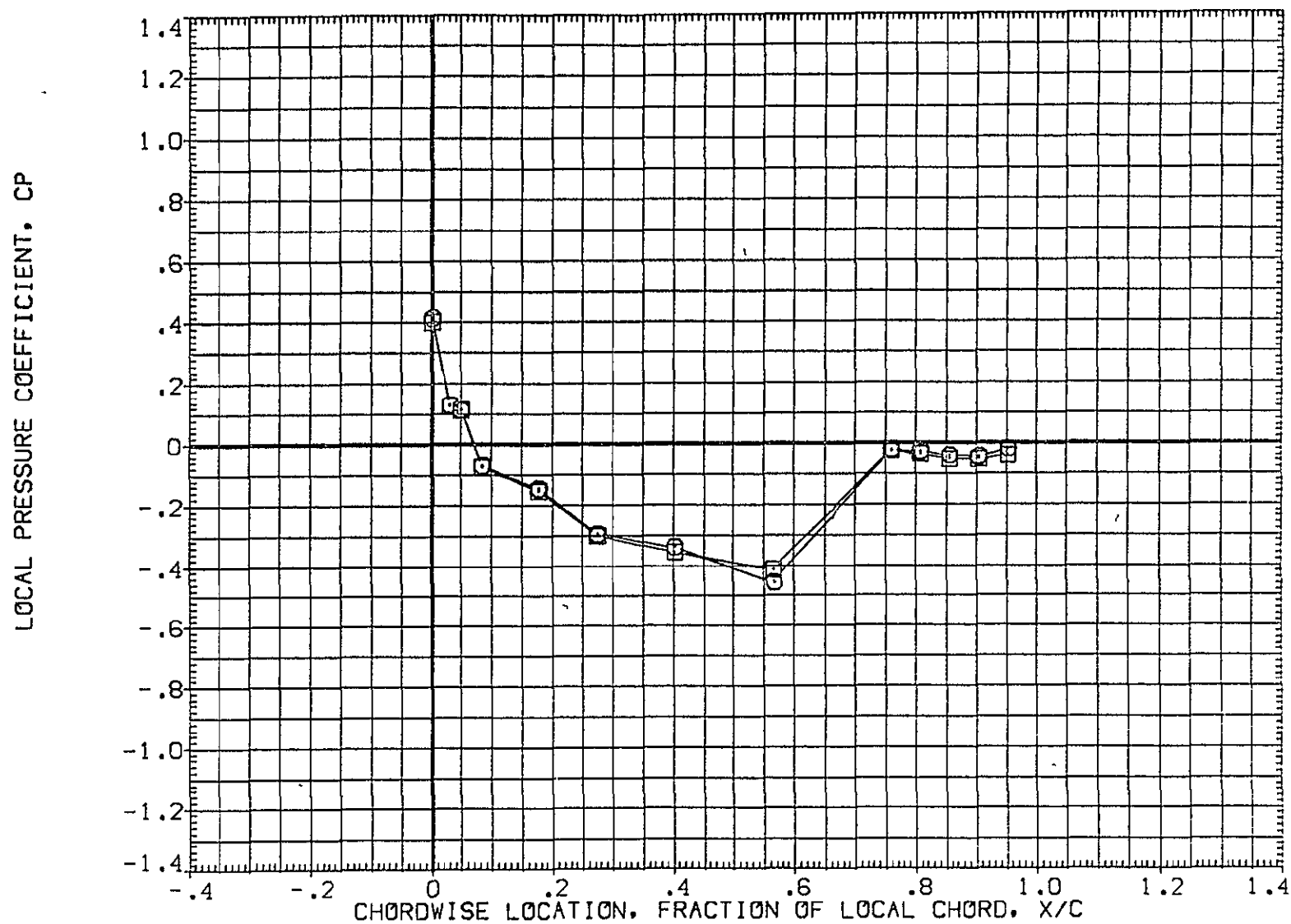


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436 PAGE 1341

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
{AF7U67}	1A70 01 T12 S1 P2 P9	.000	.000	.000	.000

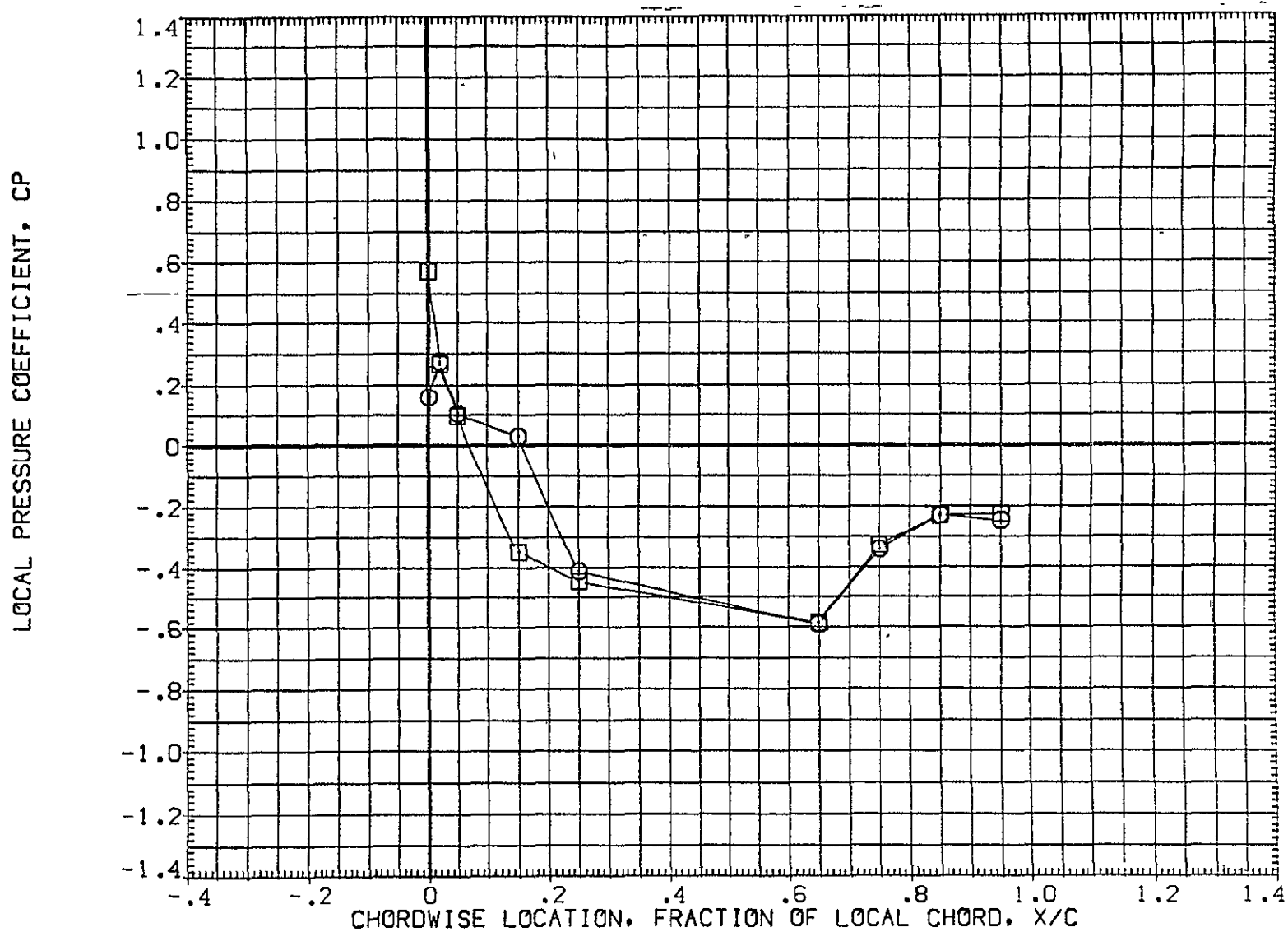


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

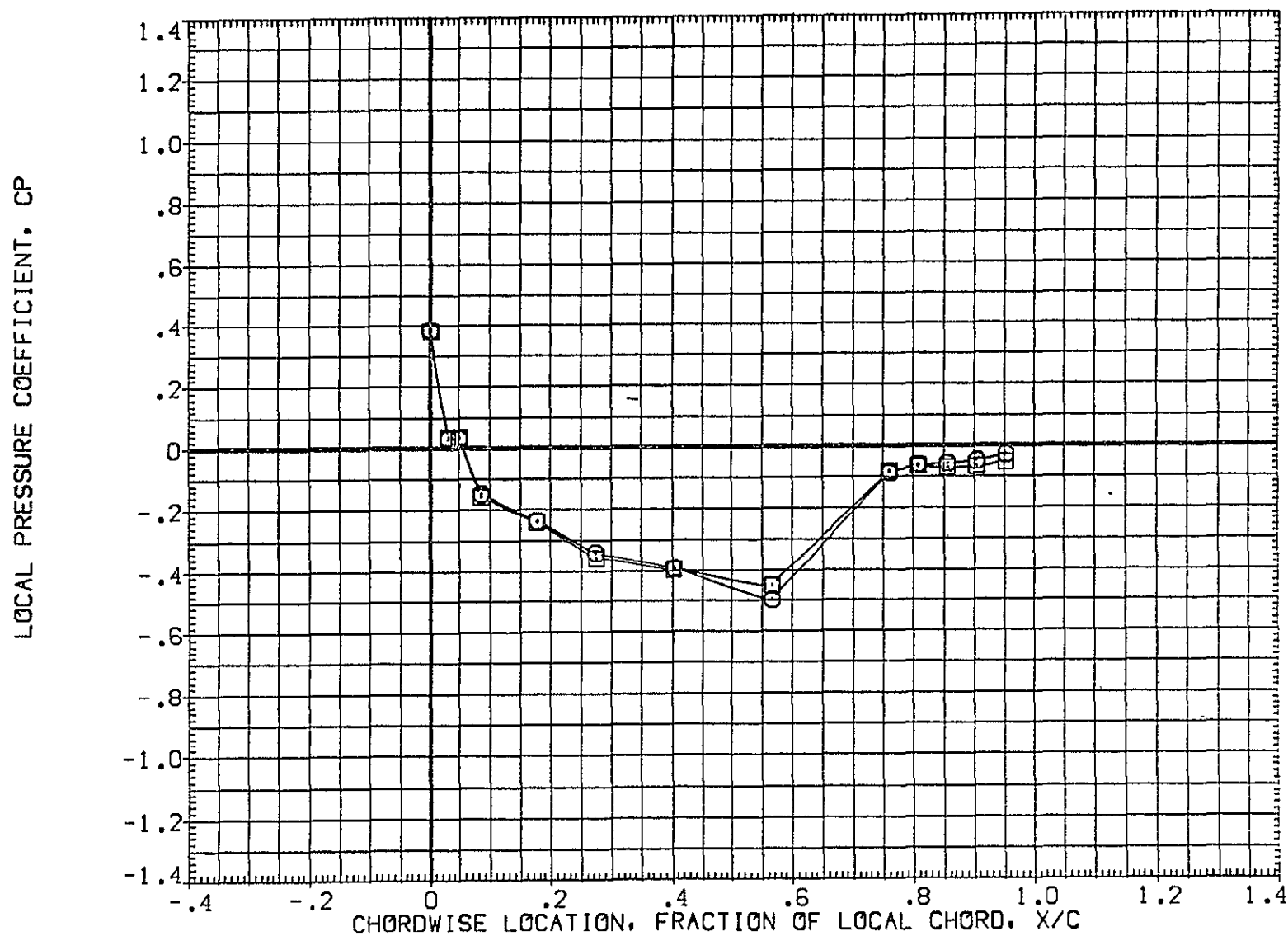


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 1343



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

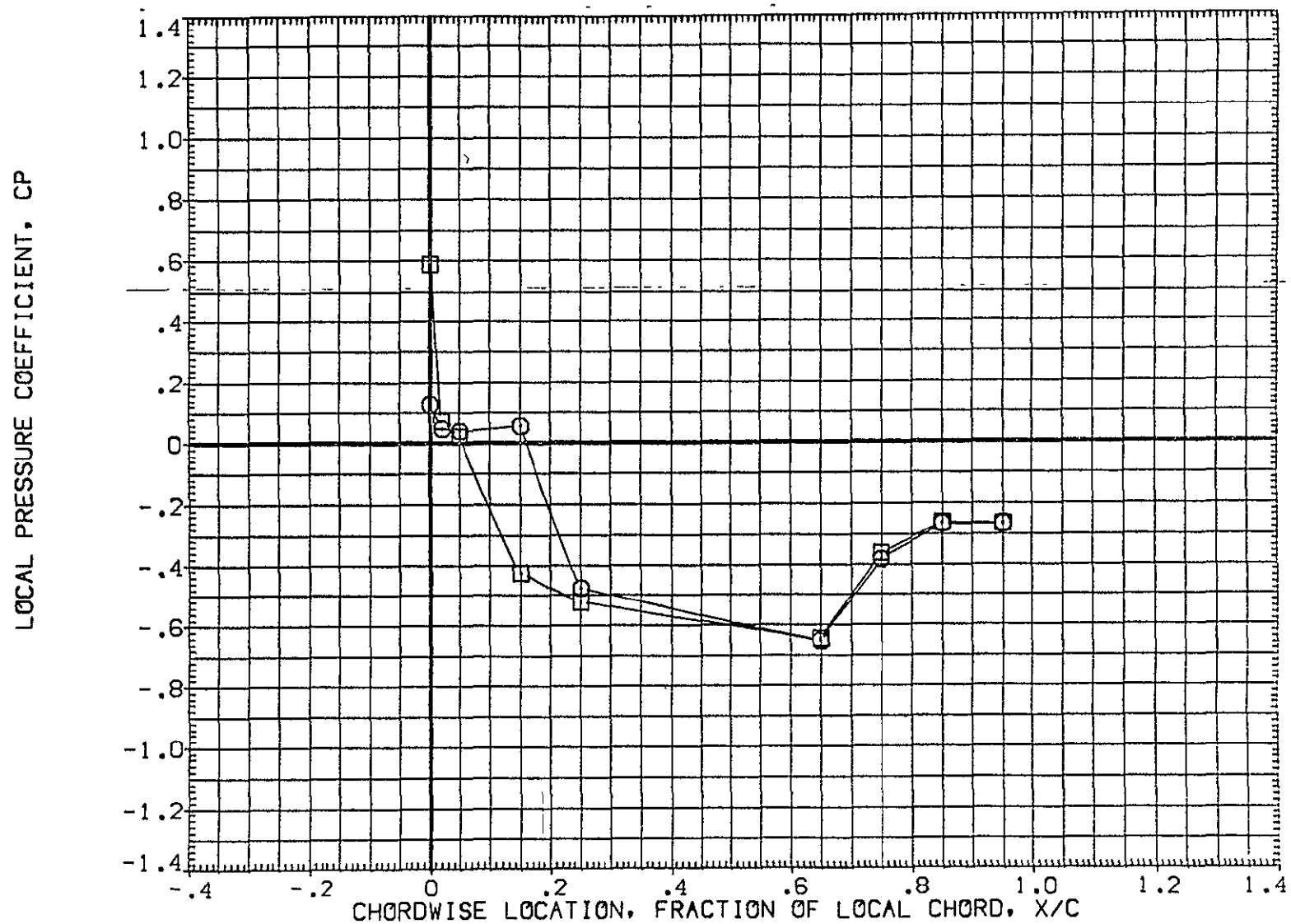


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771 PAGE 1344

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

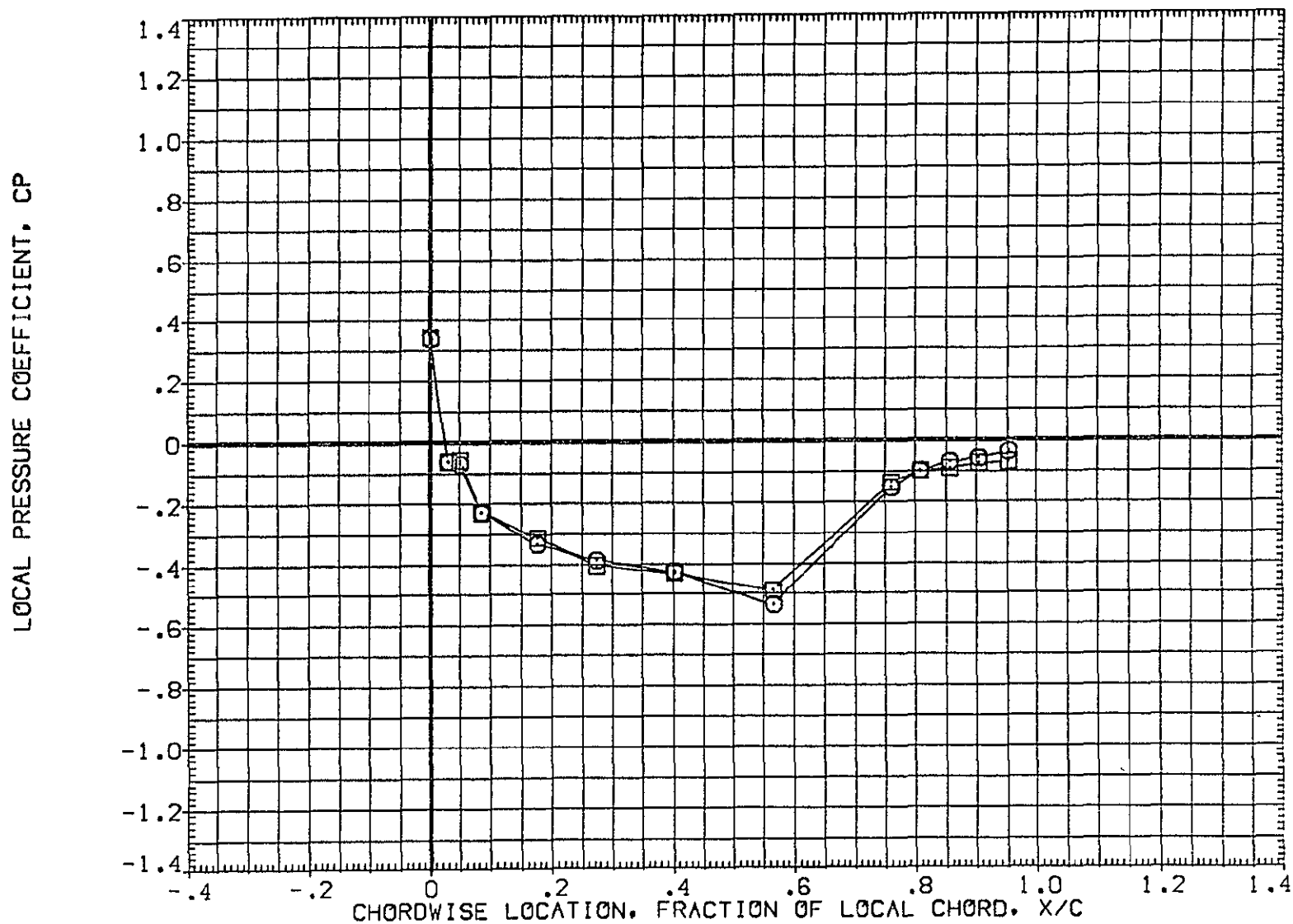


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 1345

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U67)	1A70 01 T12 S1 P2 P9	.000	.000	.000	.000

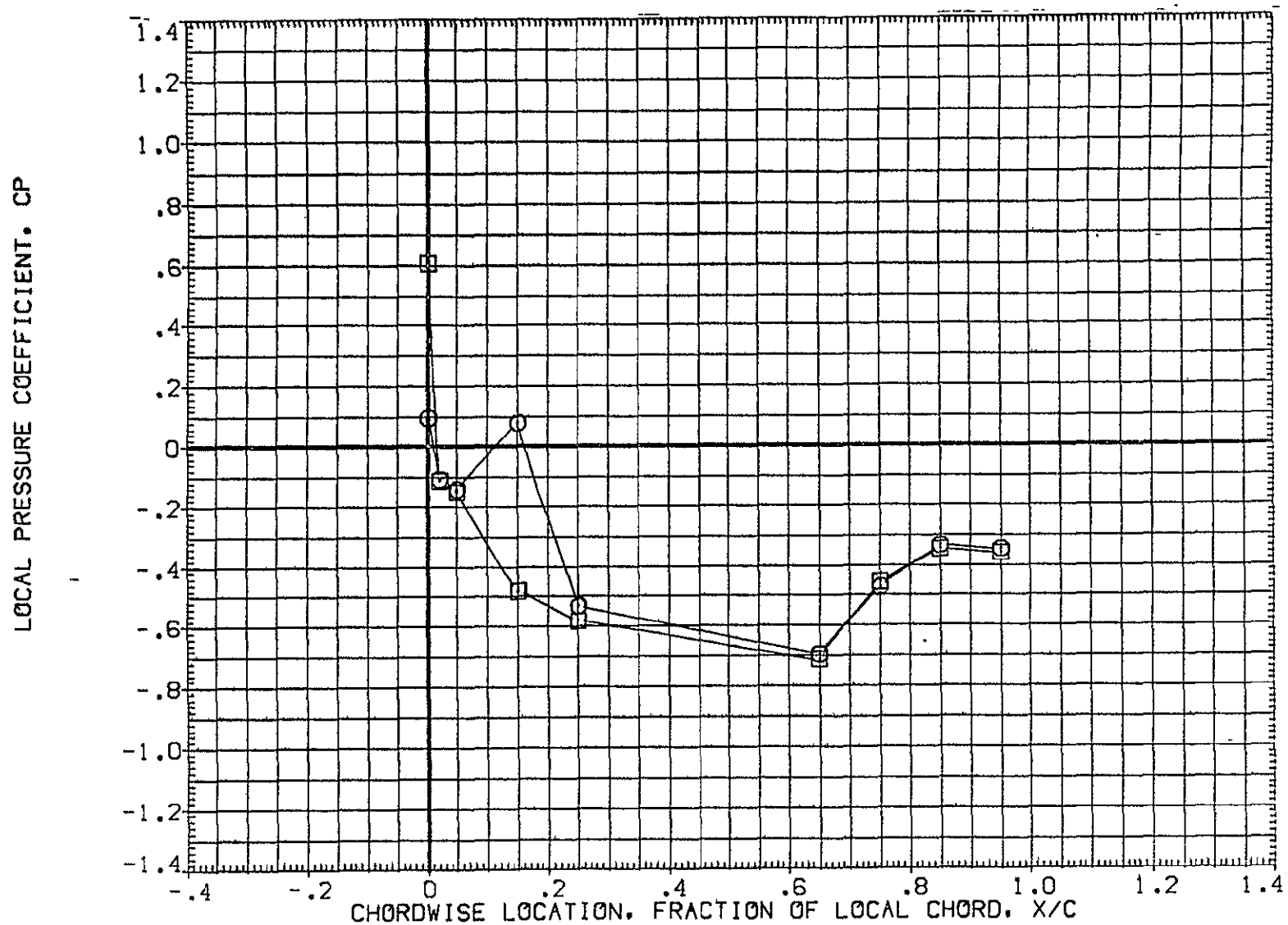


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 1346

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U67}	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

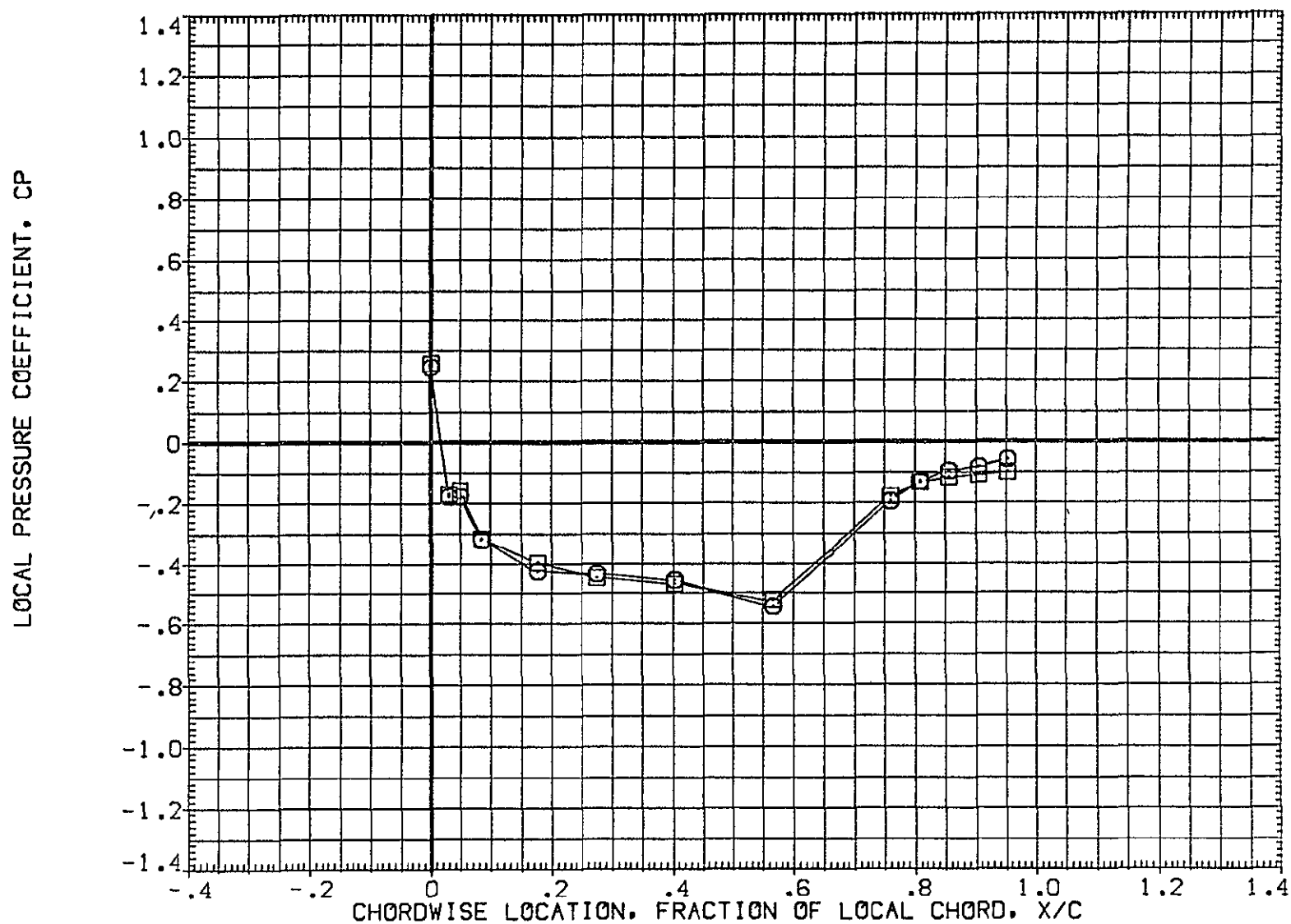


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 1347

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U67}	1A70 01 T12 S1 P2 P9 WING UPPER SURFACE	.000	.000	.000	.000

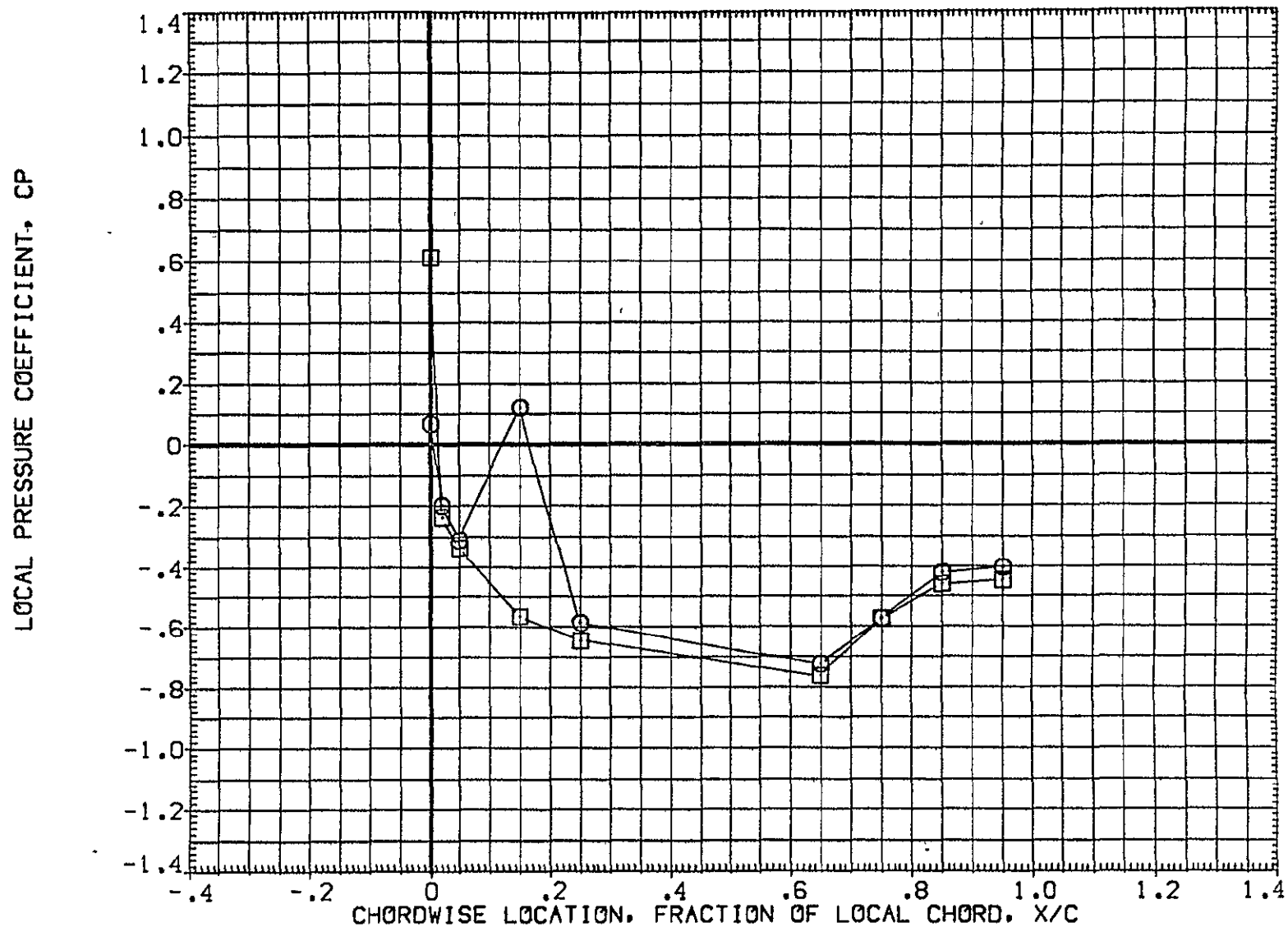


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 8.000 2Y/B = .771 PAGE 1348

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

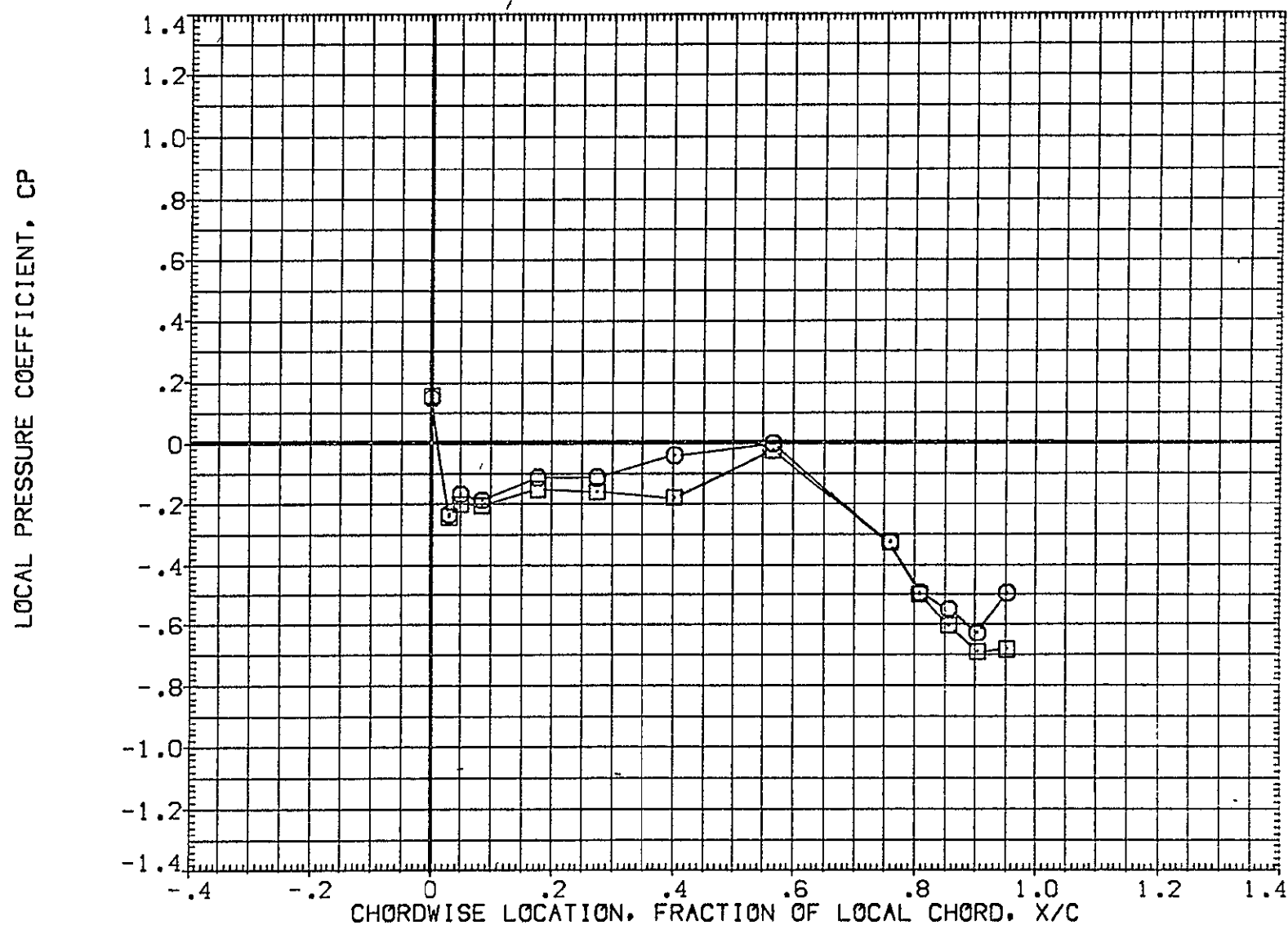


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436 PAGE 1349

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

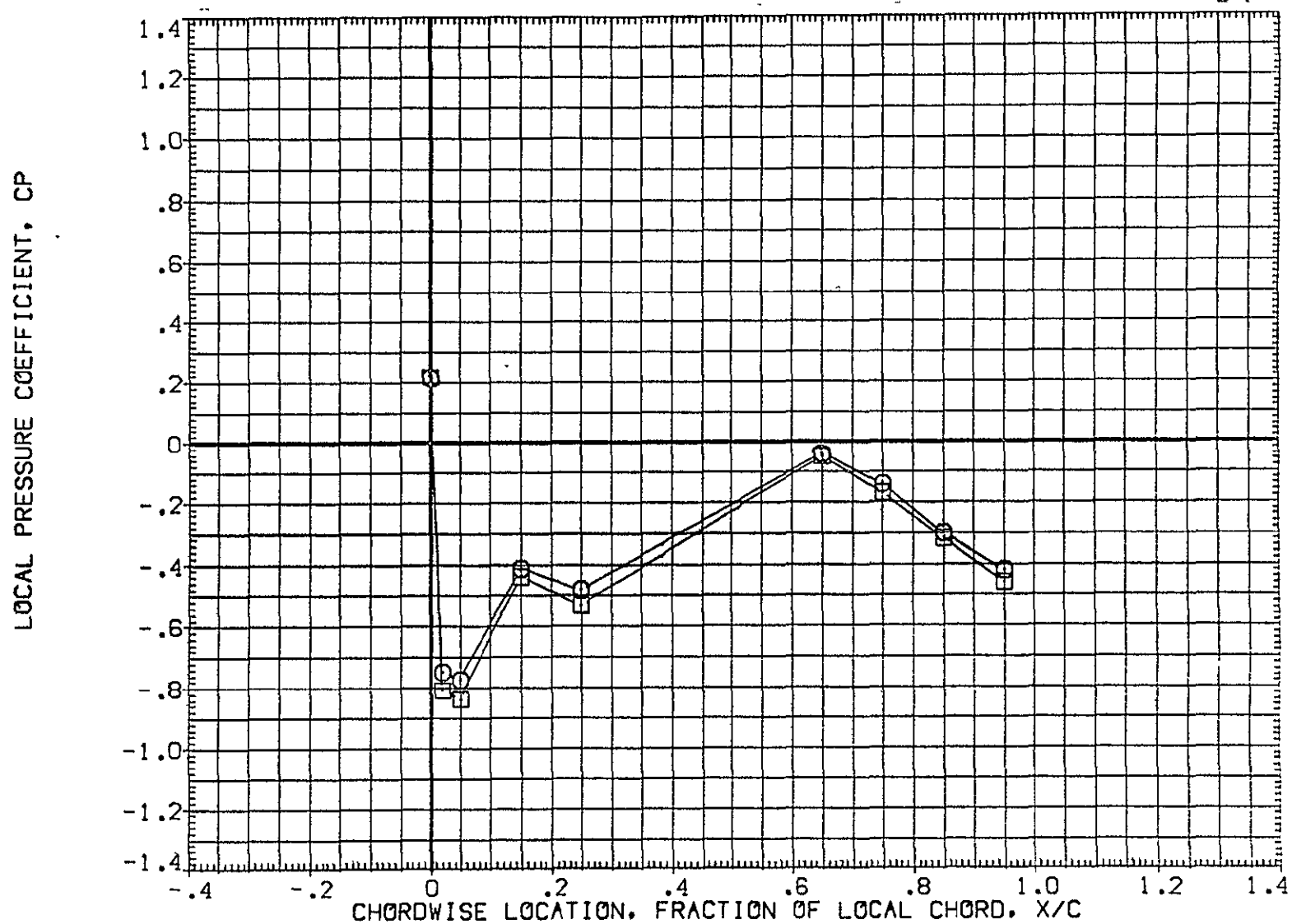


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

PAGE 1350

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7L67]	1A70 01 T12 S1 P2 P9	.000	.000	.000	.000

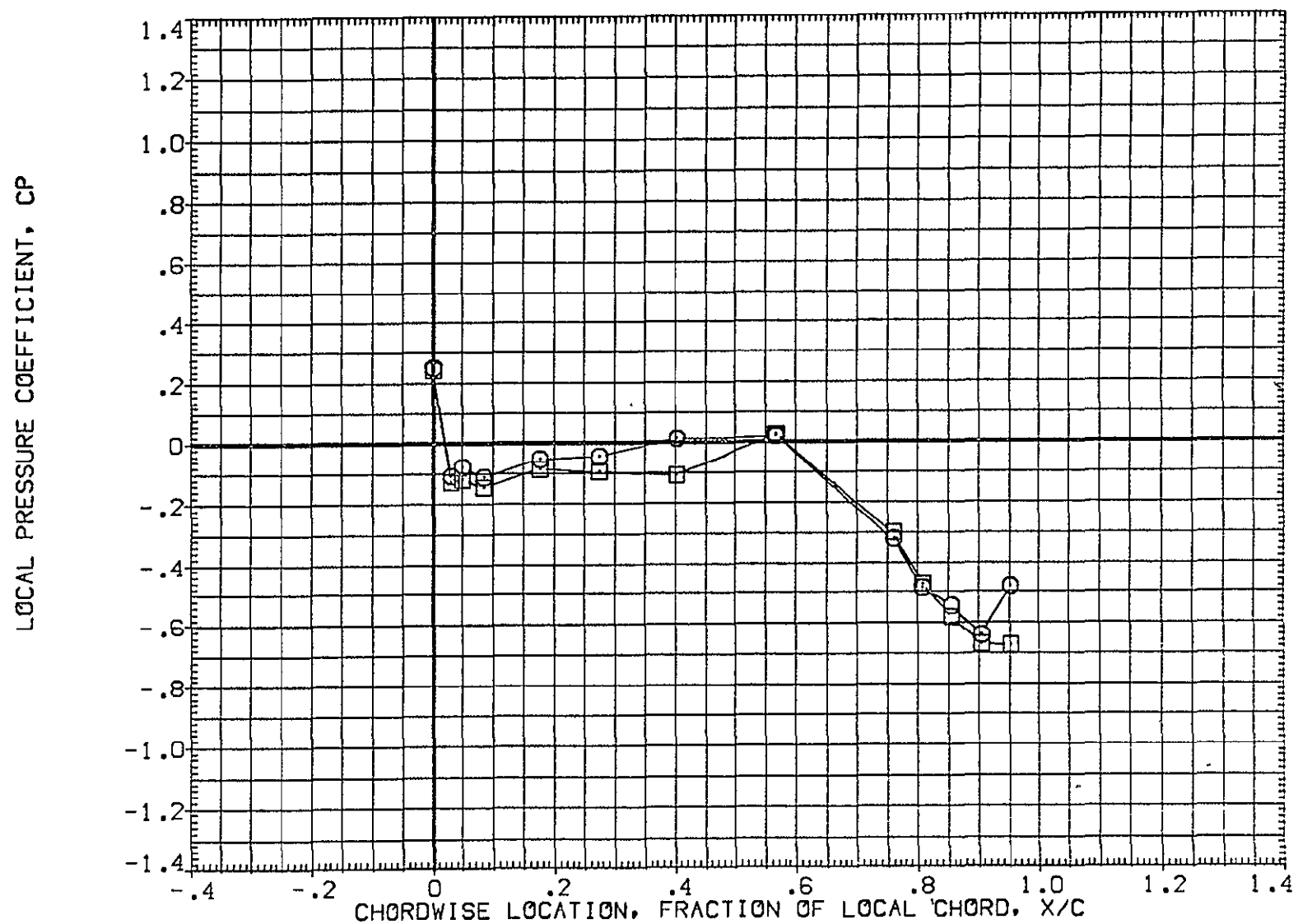


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 1351



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L67}	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

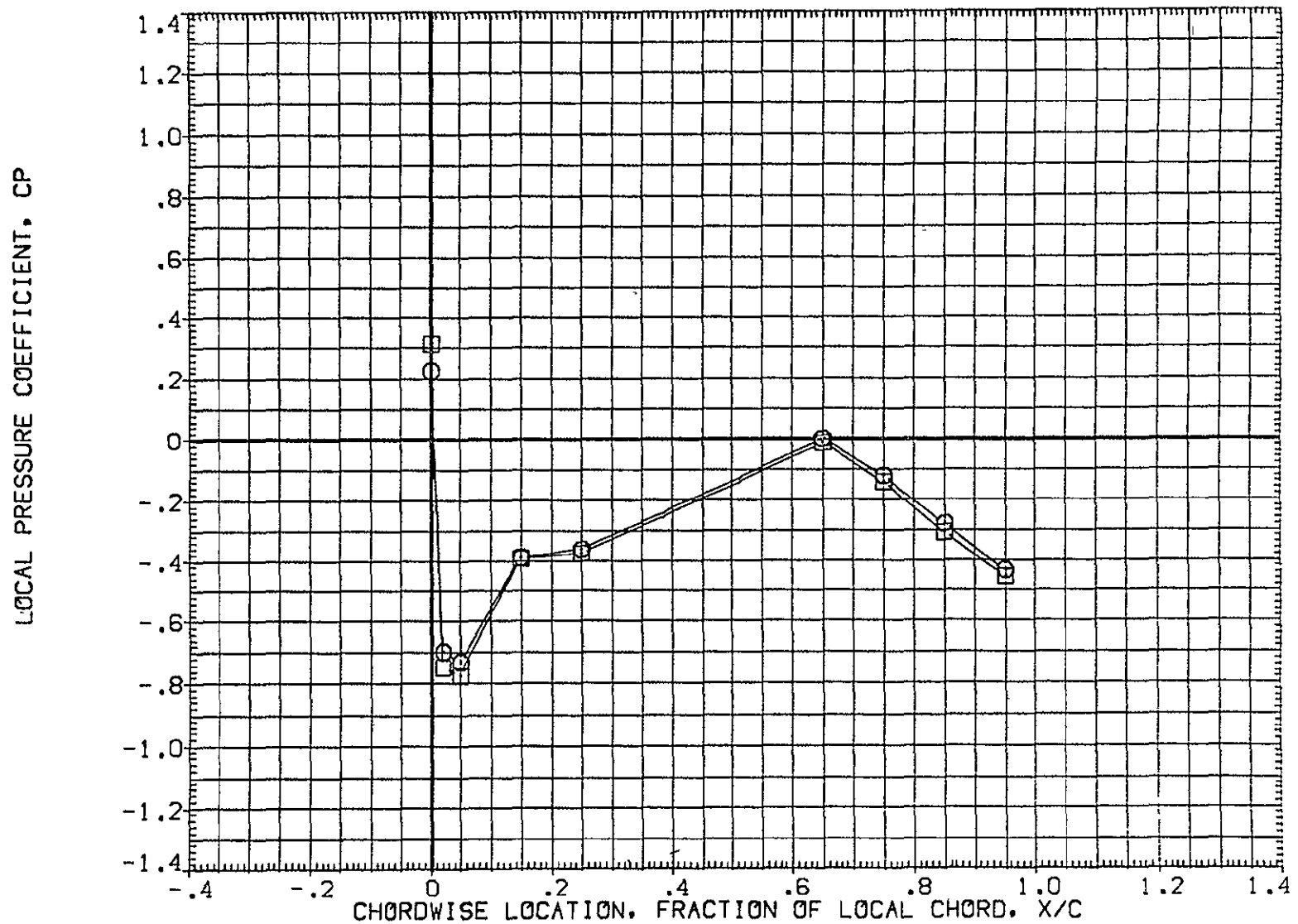


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

PAGE 1352

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9	.000	.000	.000	.000

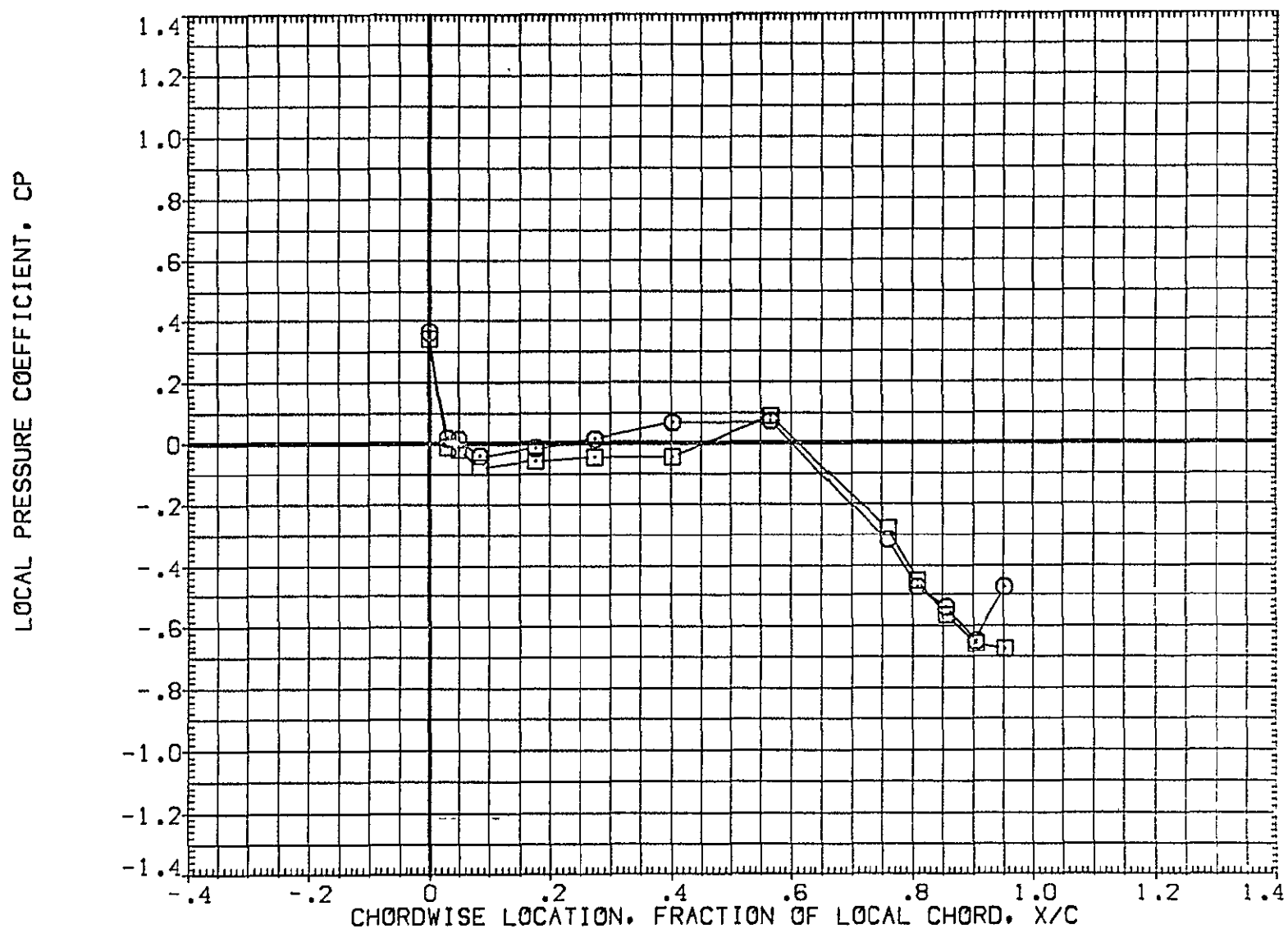


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

PAGE 1353

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L67]	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

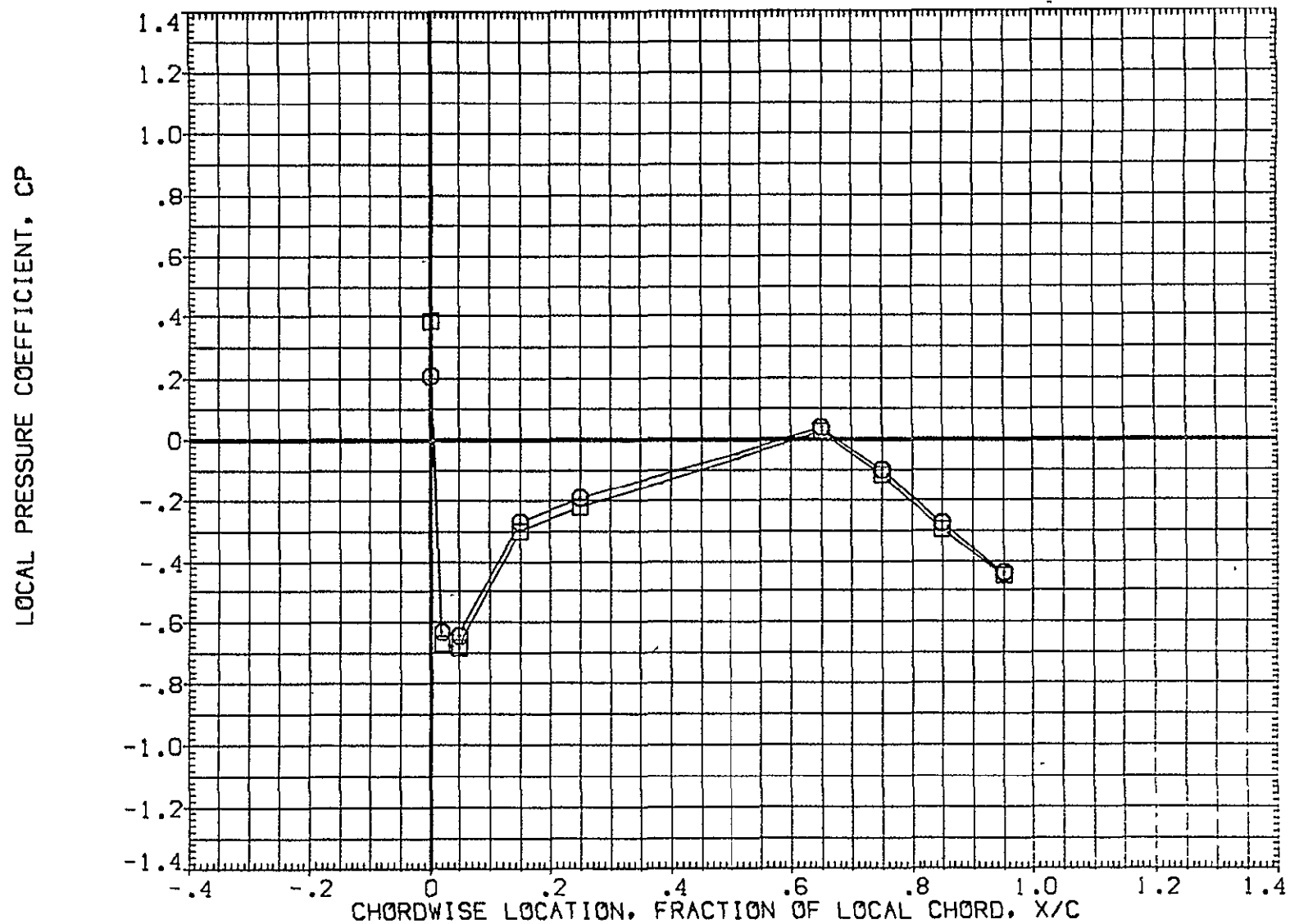


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 1354

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	IA70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	IA70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

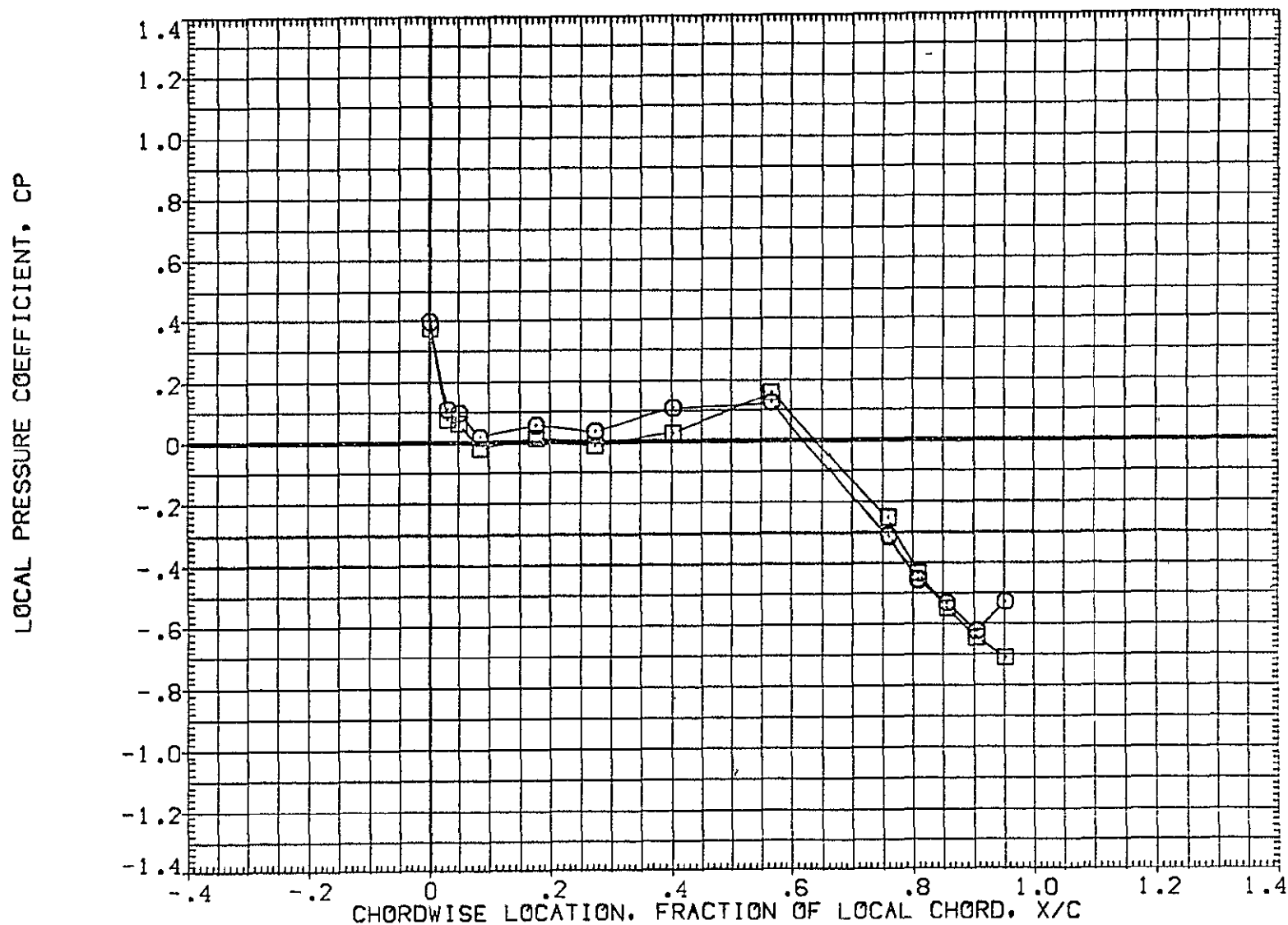


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 1355

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9	.000	.000	.000	.000

WING LOWER SURFACE  
WING LOWER SURFACE

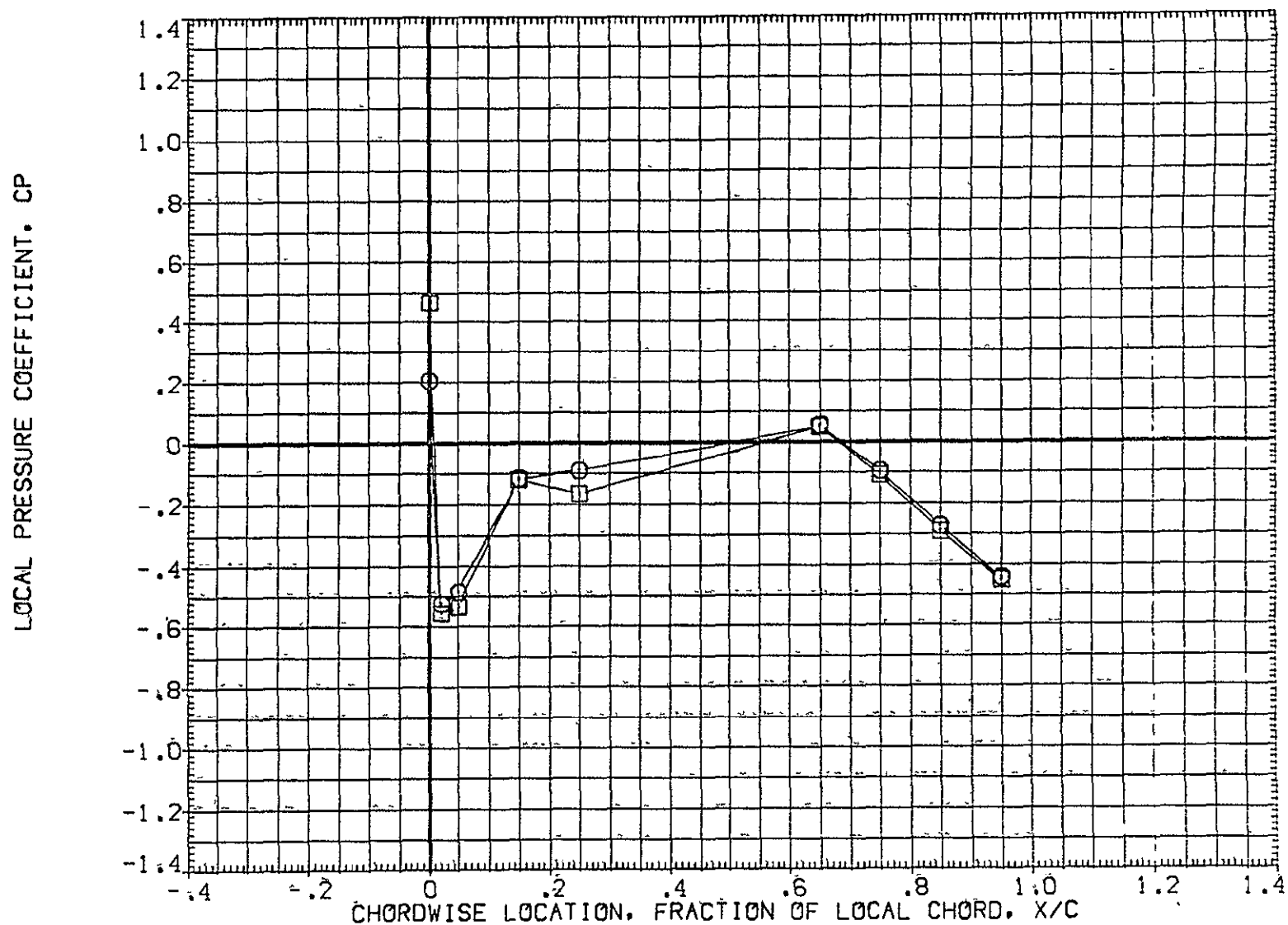


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771 PAGE 1356

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

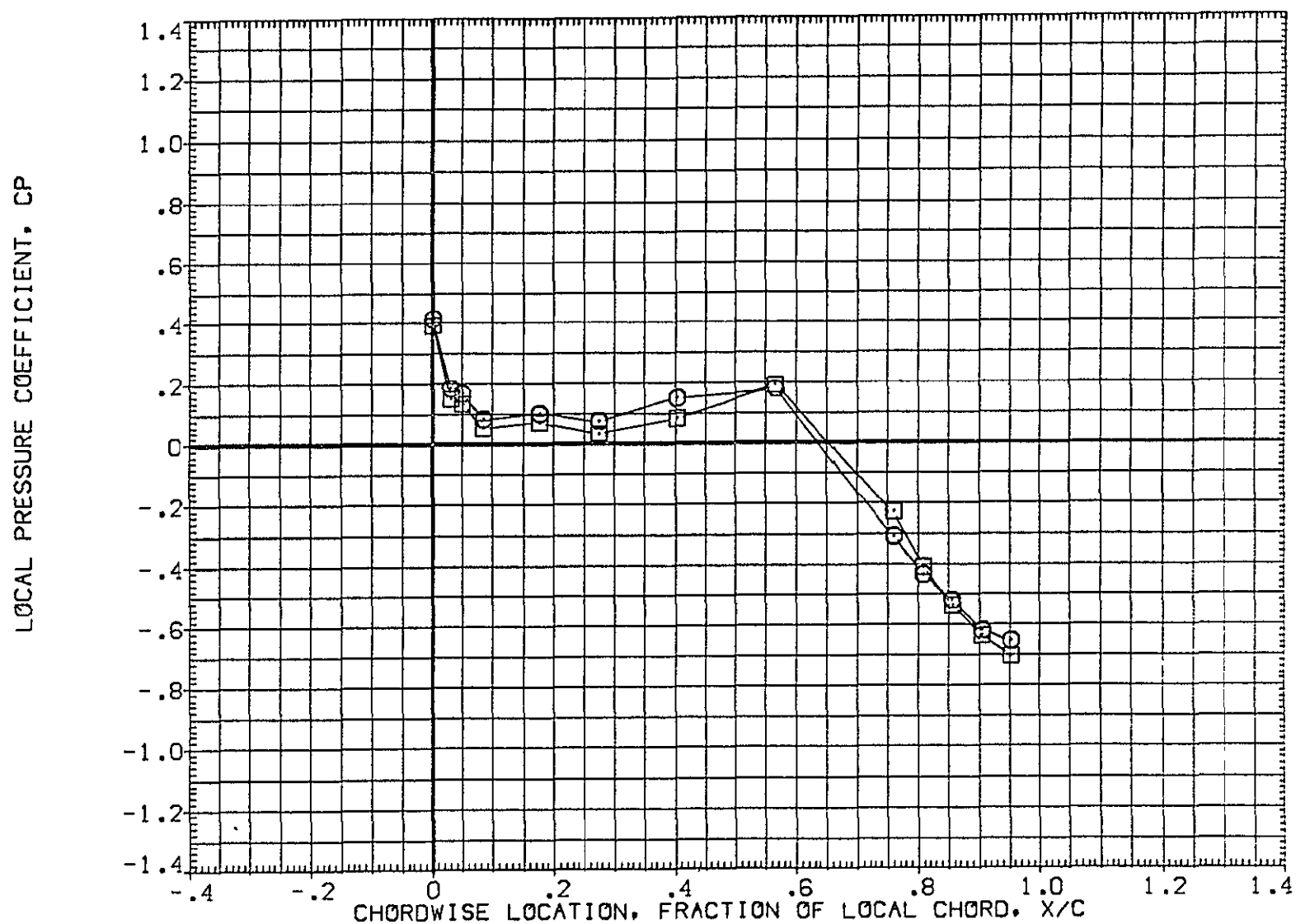


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

PAGE 1357

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

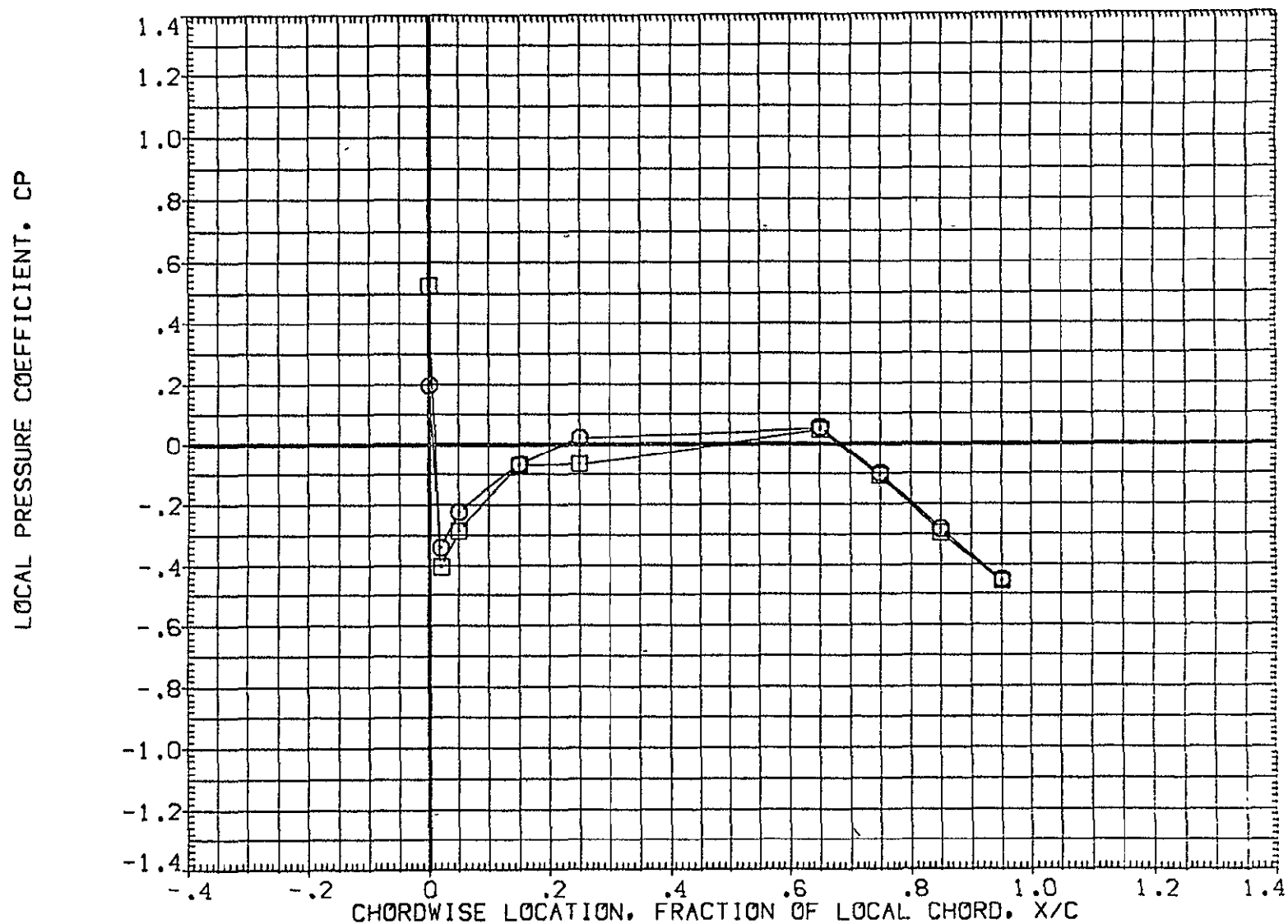


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

PAGE 1358

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L67}	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

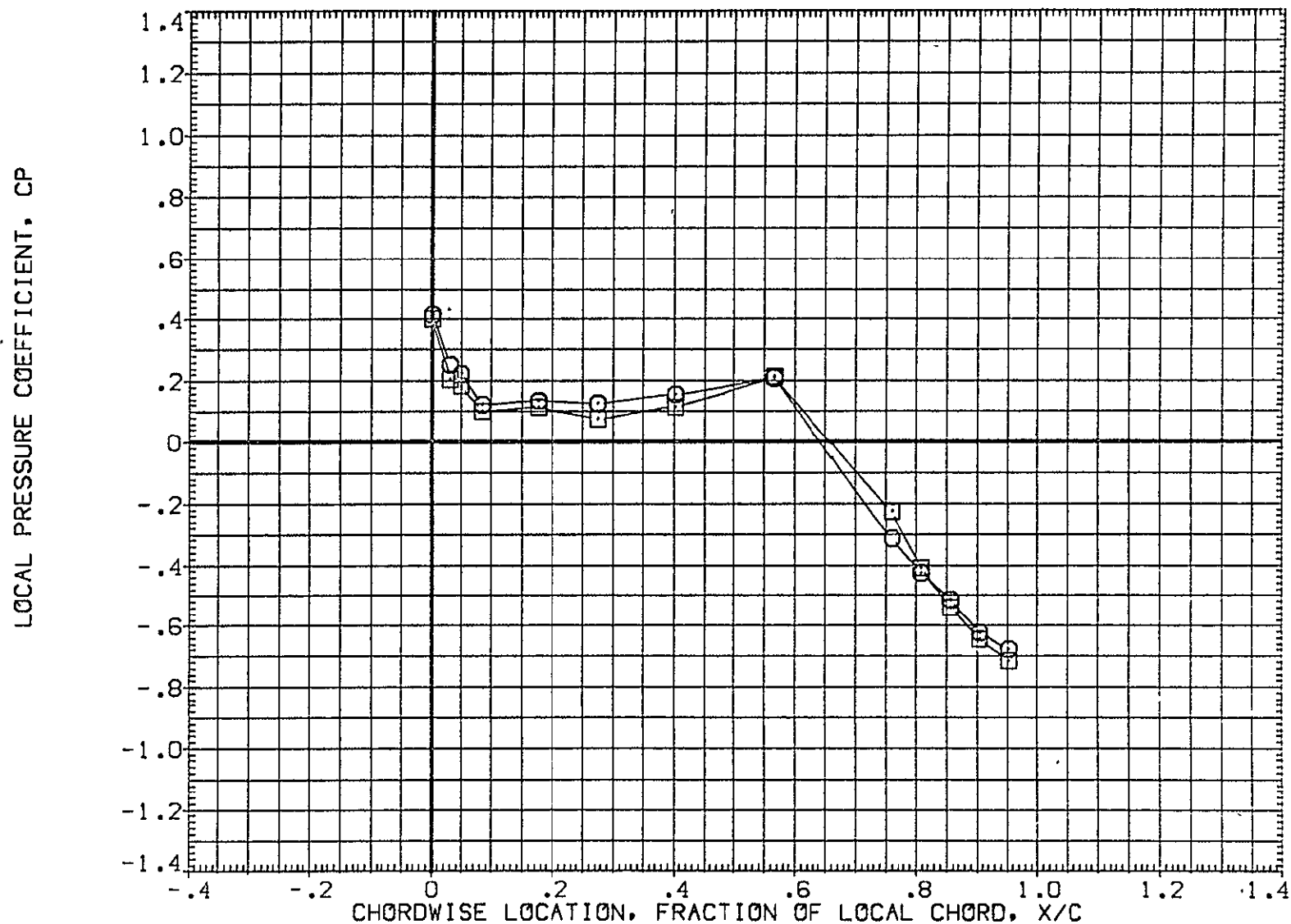


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

PAGE 1359



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L67}	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

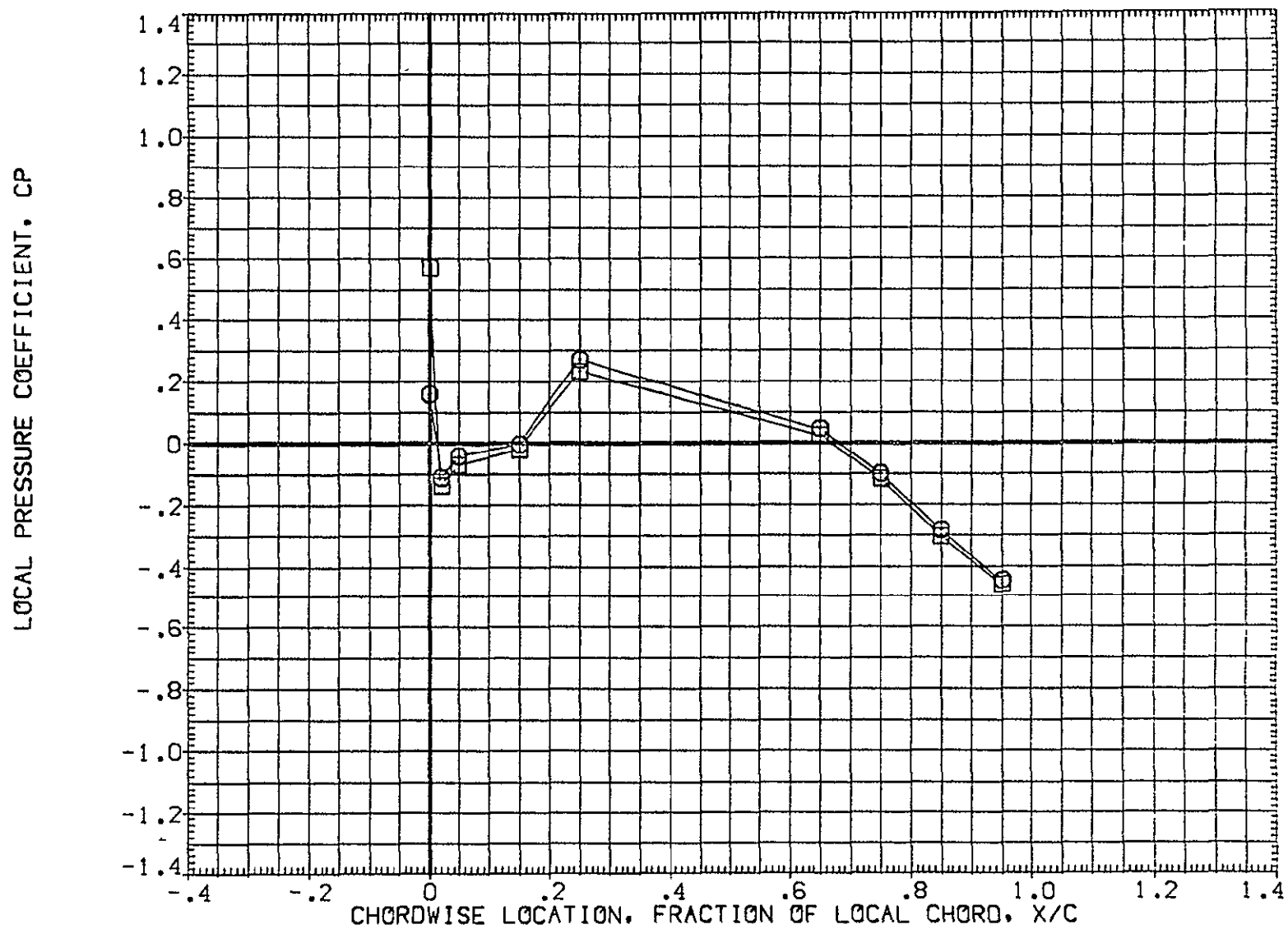


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 2.000 2Y/B = .771 PAGE 1360

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45) ○	A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67) □	A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

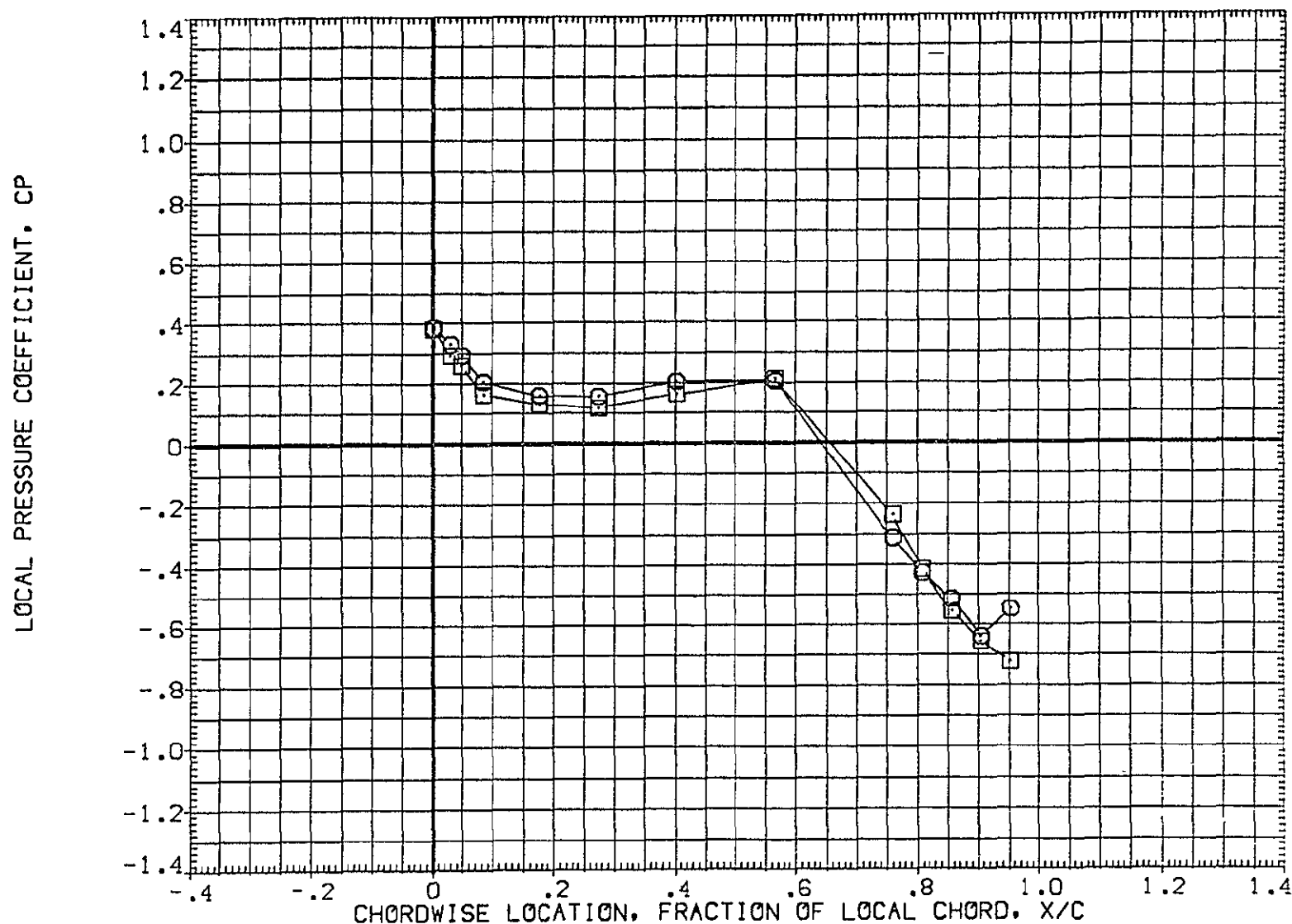


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 1361

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

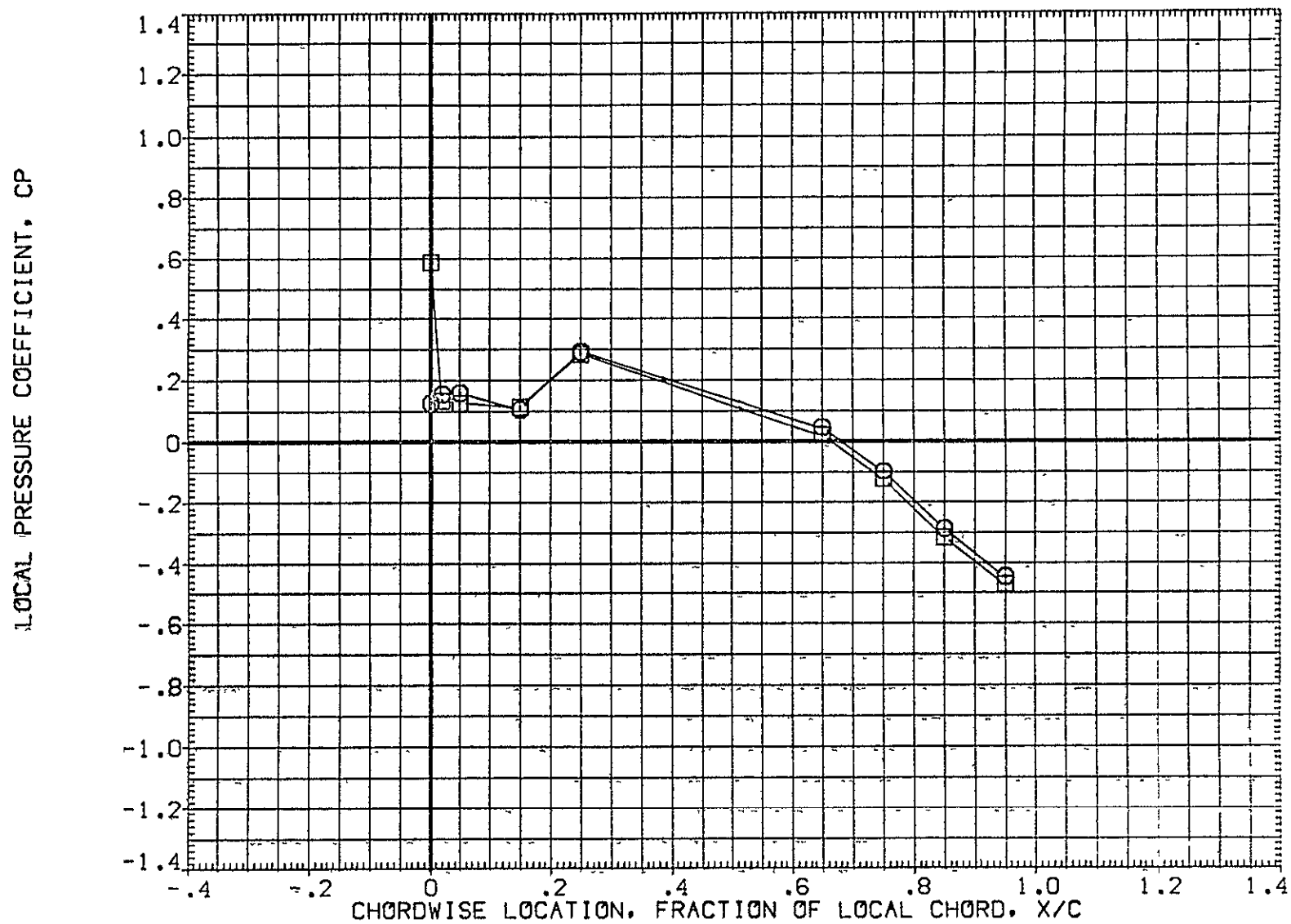


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 4.000 2Y/B = .771 PAGE 1362

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

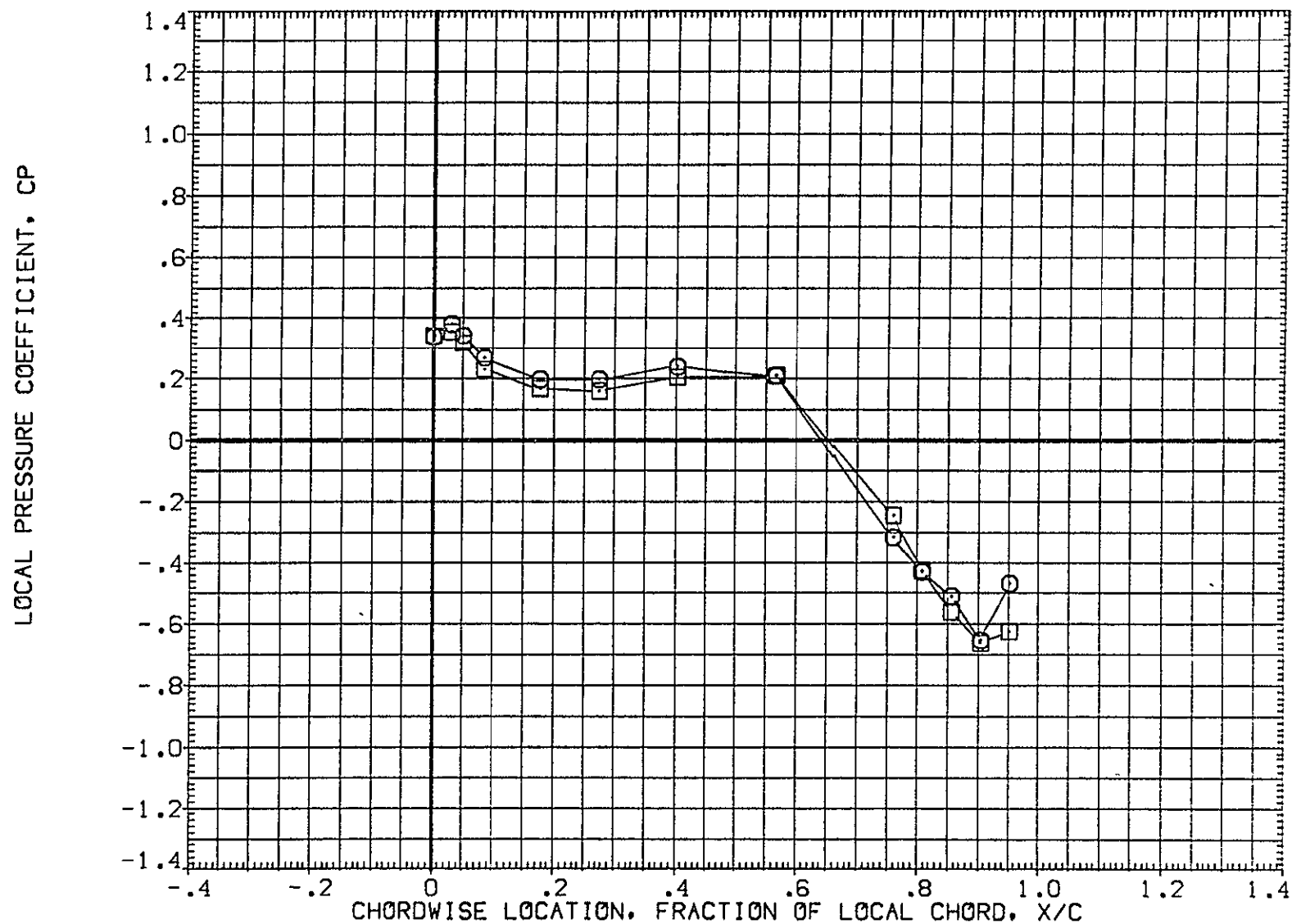


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436 PAGE 1363

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L67]	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

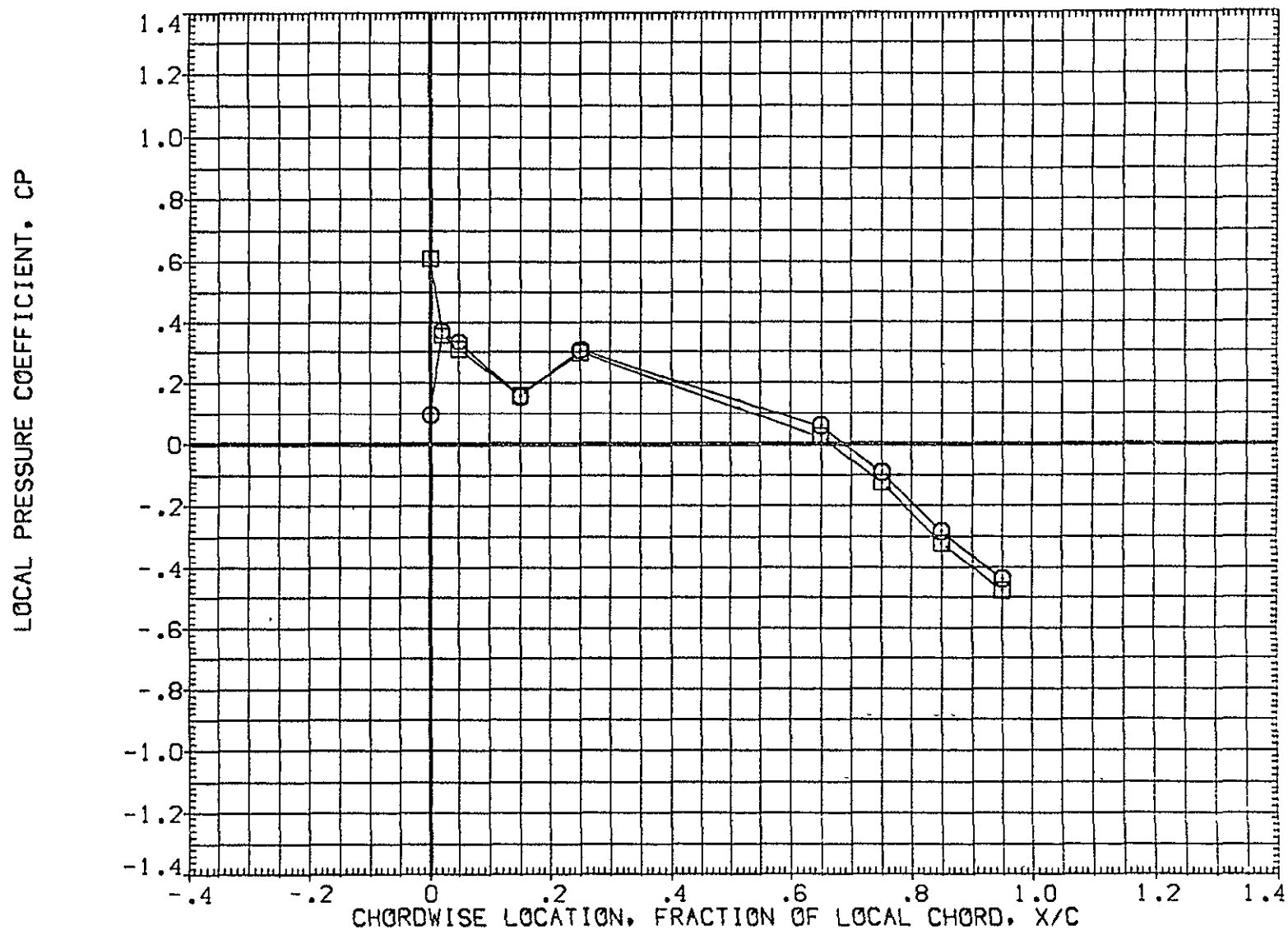


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 1364

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L67]	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

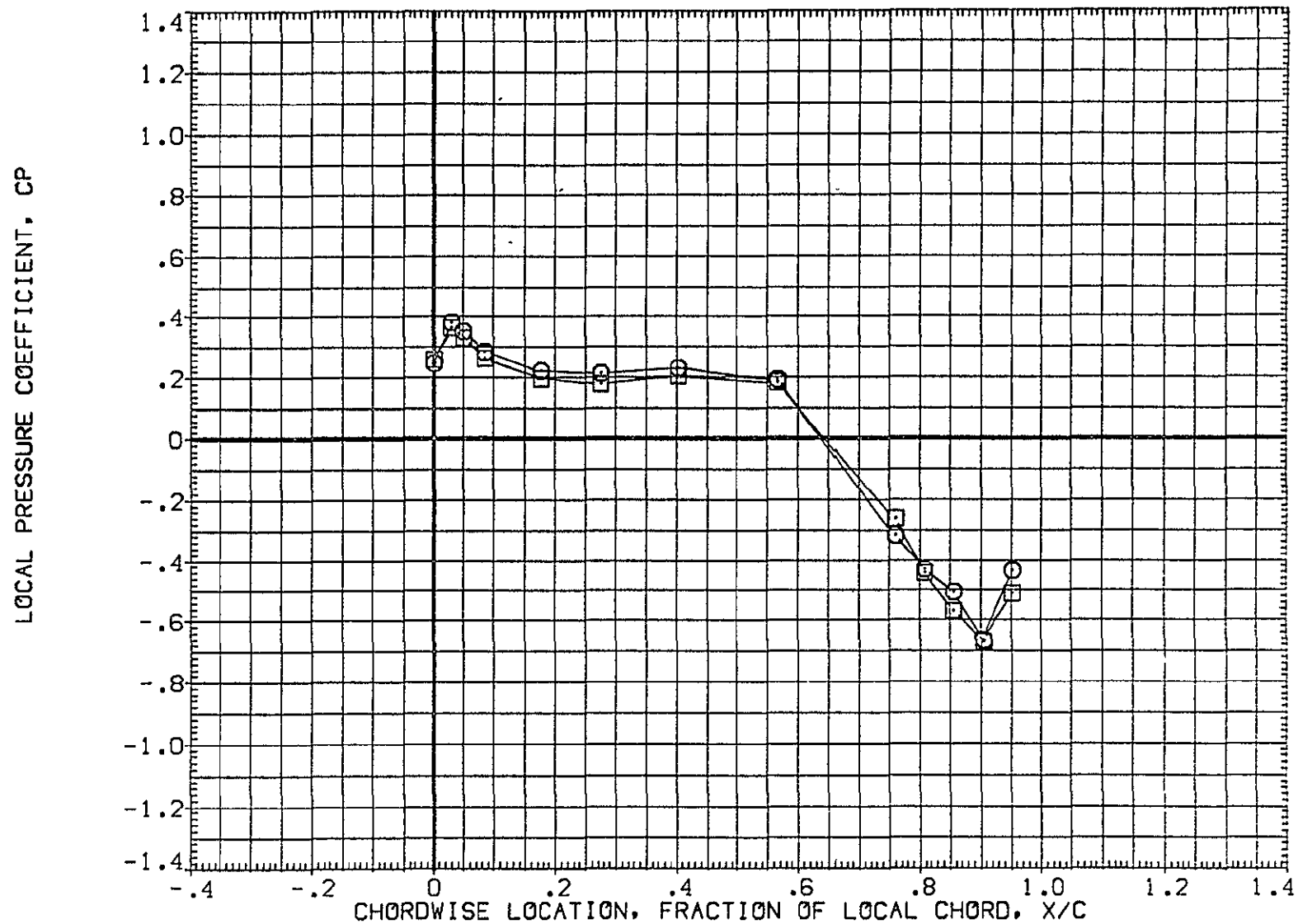


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 1365

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L67)	1A70 01 T12 S1 P2 P9 WING LOWER SURFACE	.000	.000	.000	.000

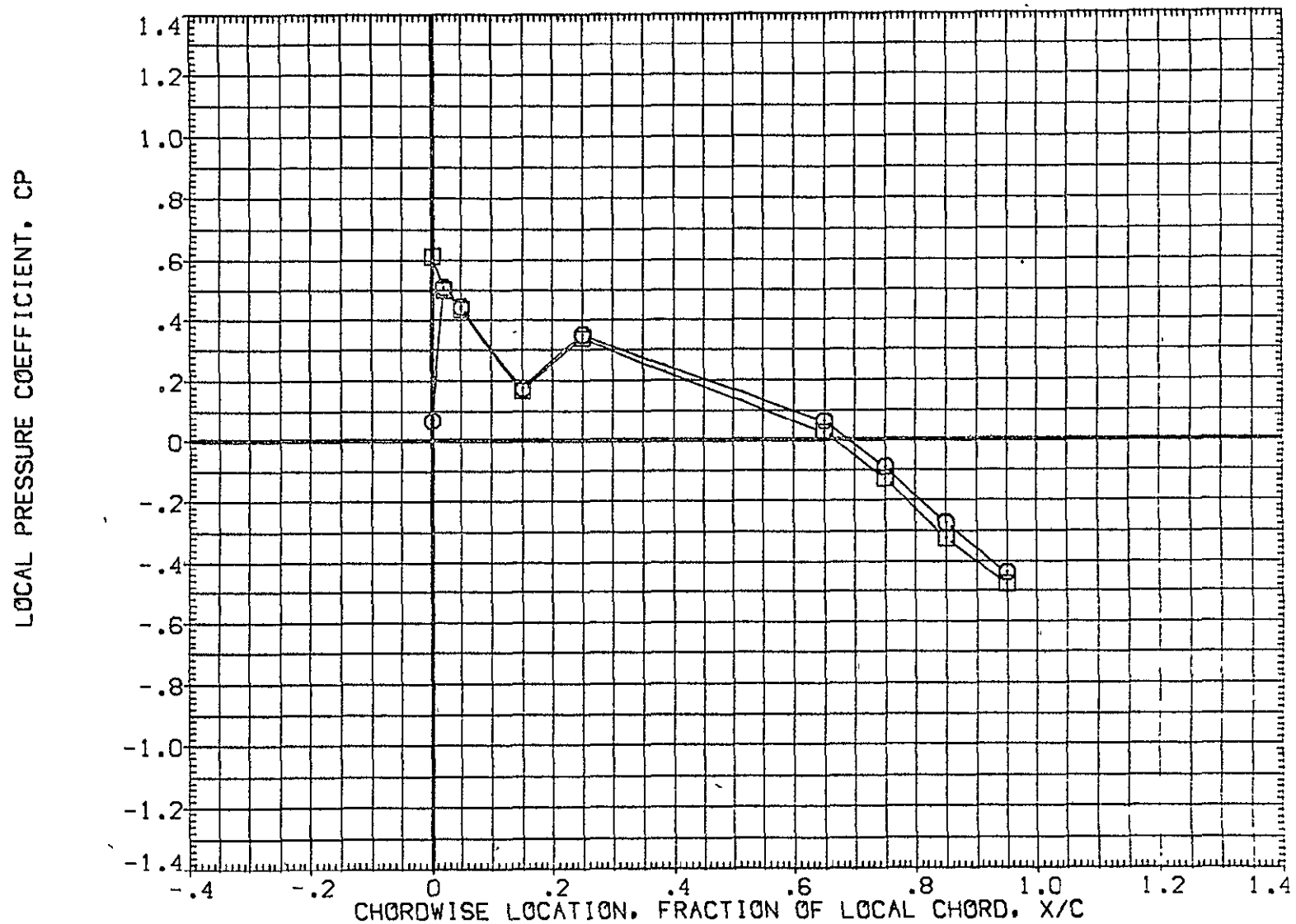


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771 PAGE 1366

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7067)	IA70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

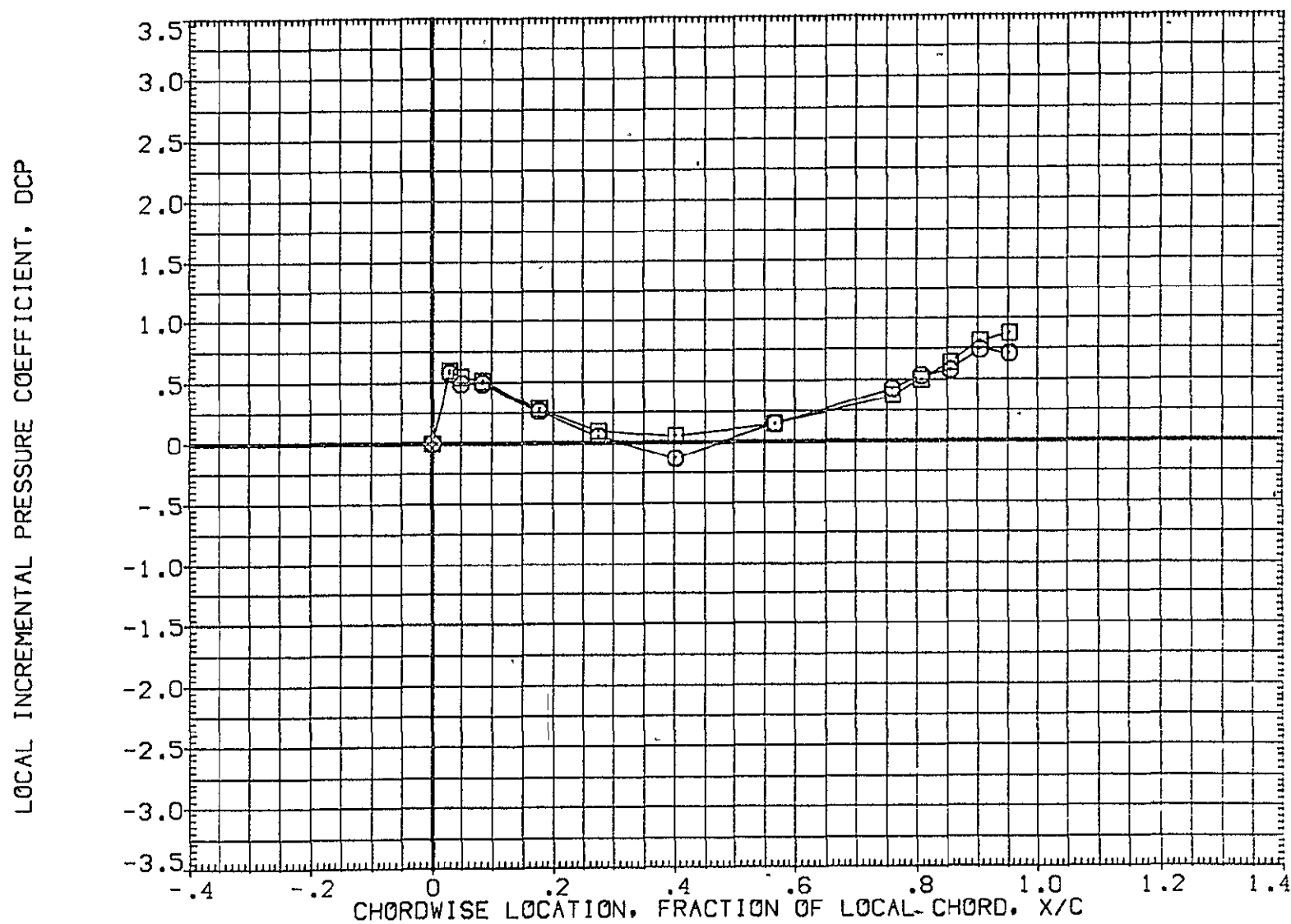


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7067]	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

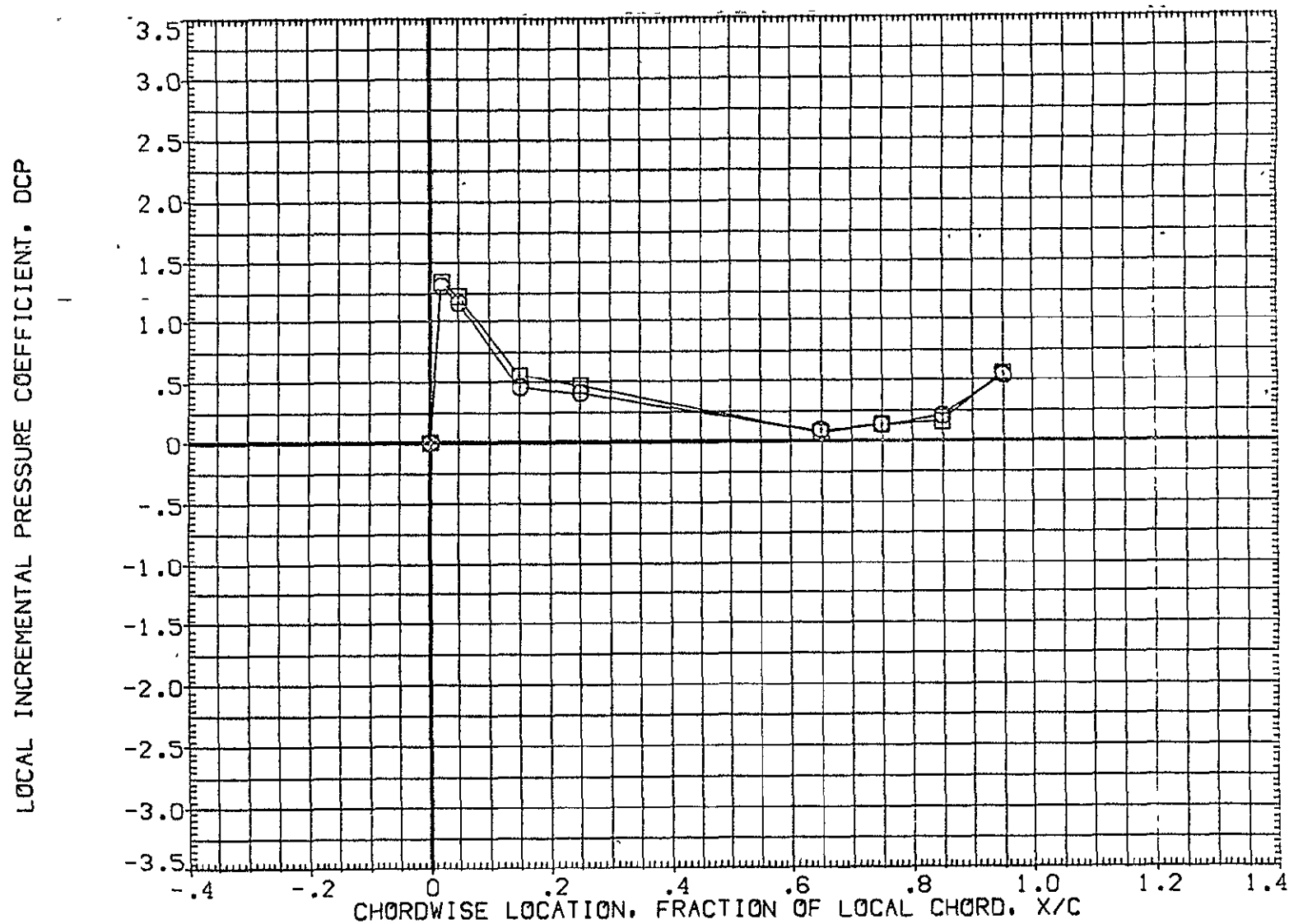


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -8.000 2Y/B = .771 PAGE 1368

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7067]	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

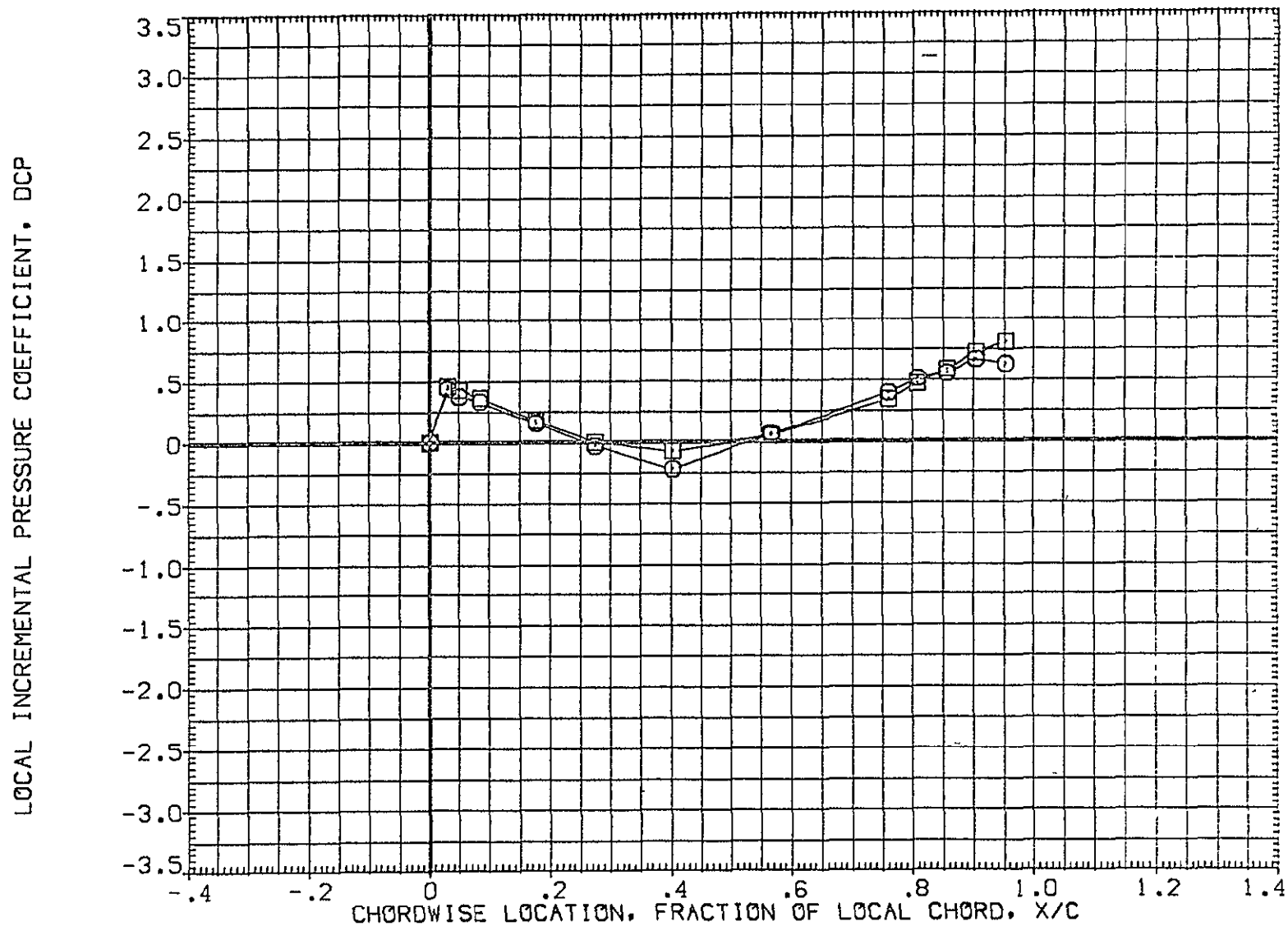


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 1369

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7067}	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

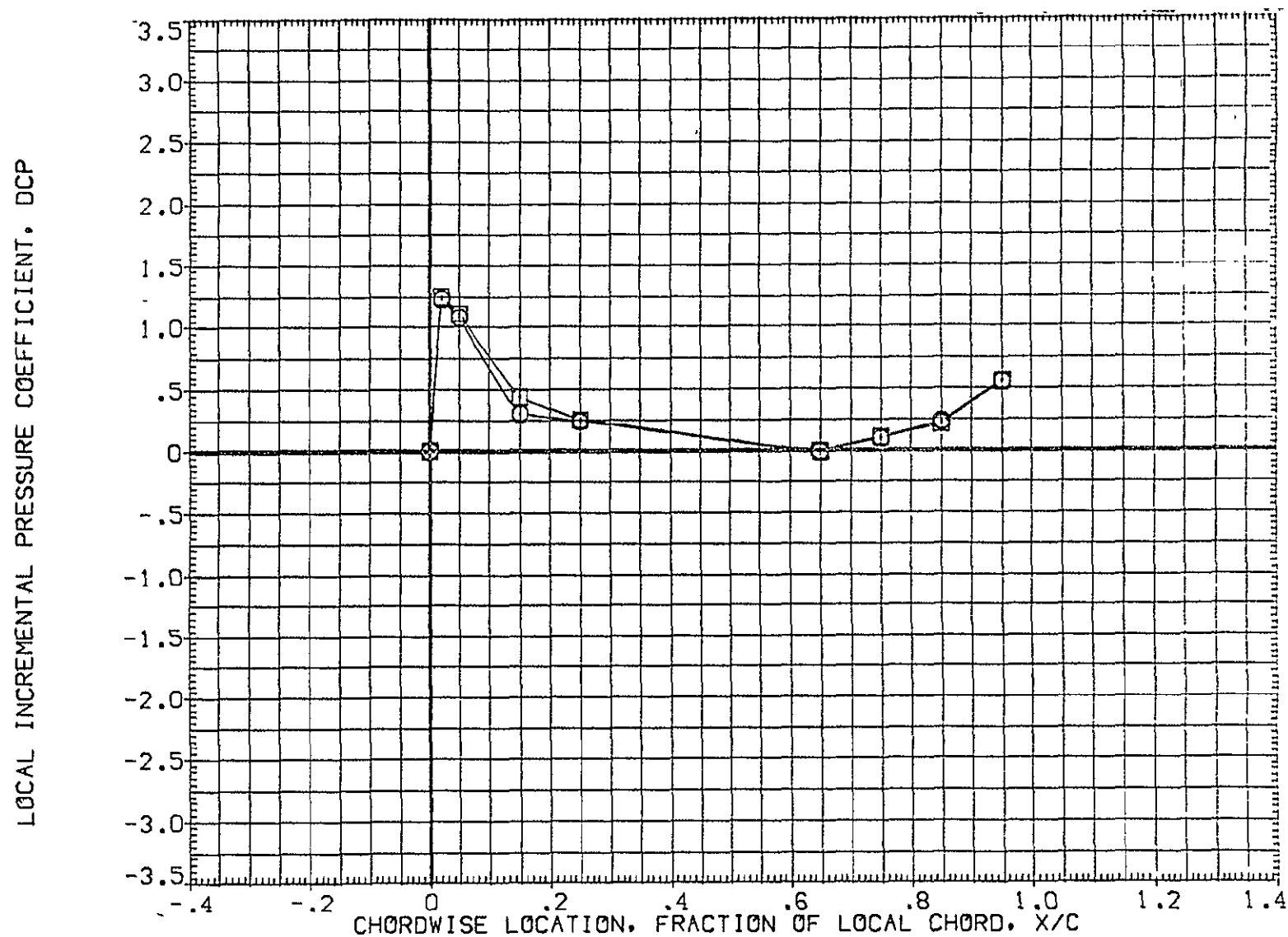


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -6.000 2Y/B = .771 PAGE 1370

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7067}	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

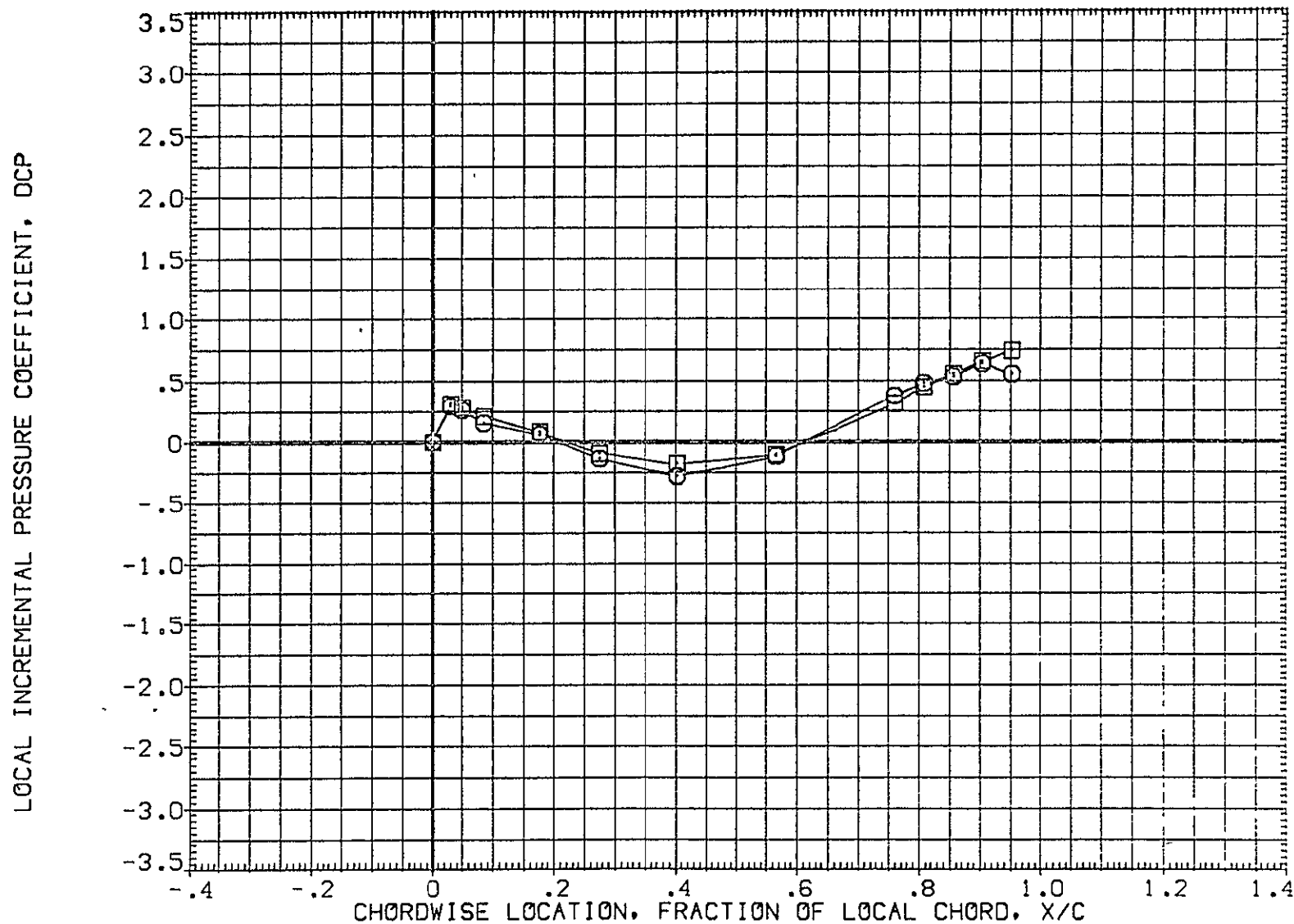


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 1371

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7067}	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

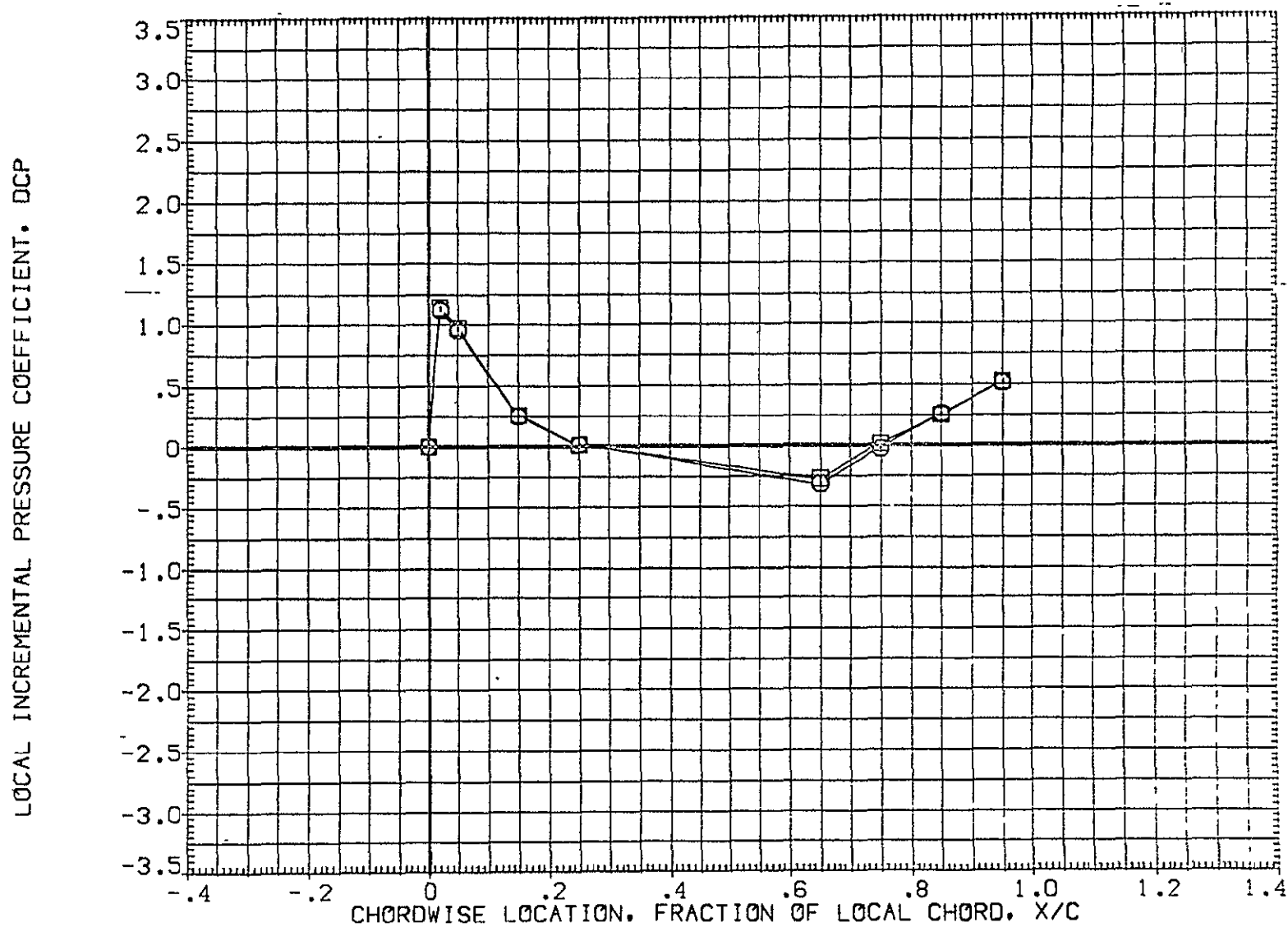


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = -4.000 2Y/B = .771 PAGE 1372

DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7067}	□	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

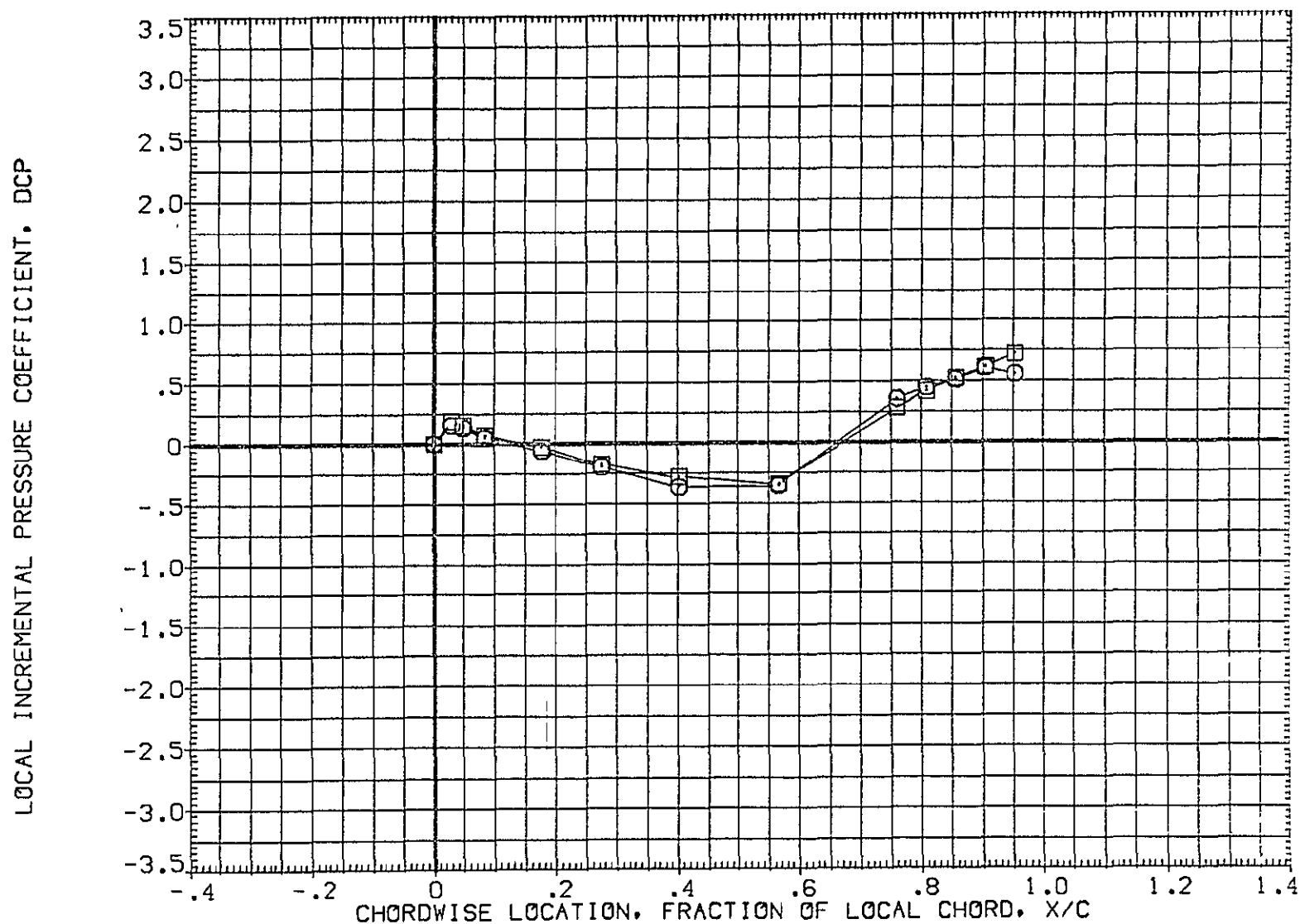


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

PAGE 1373

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7067}	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

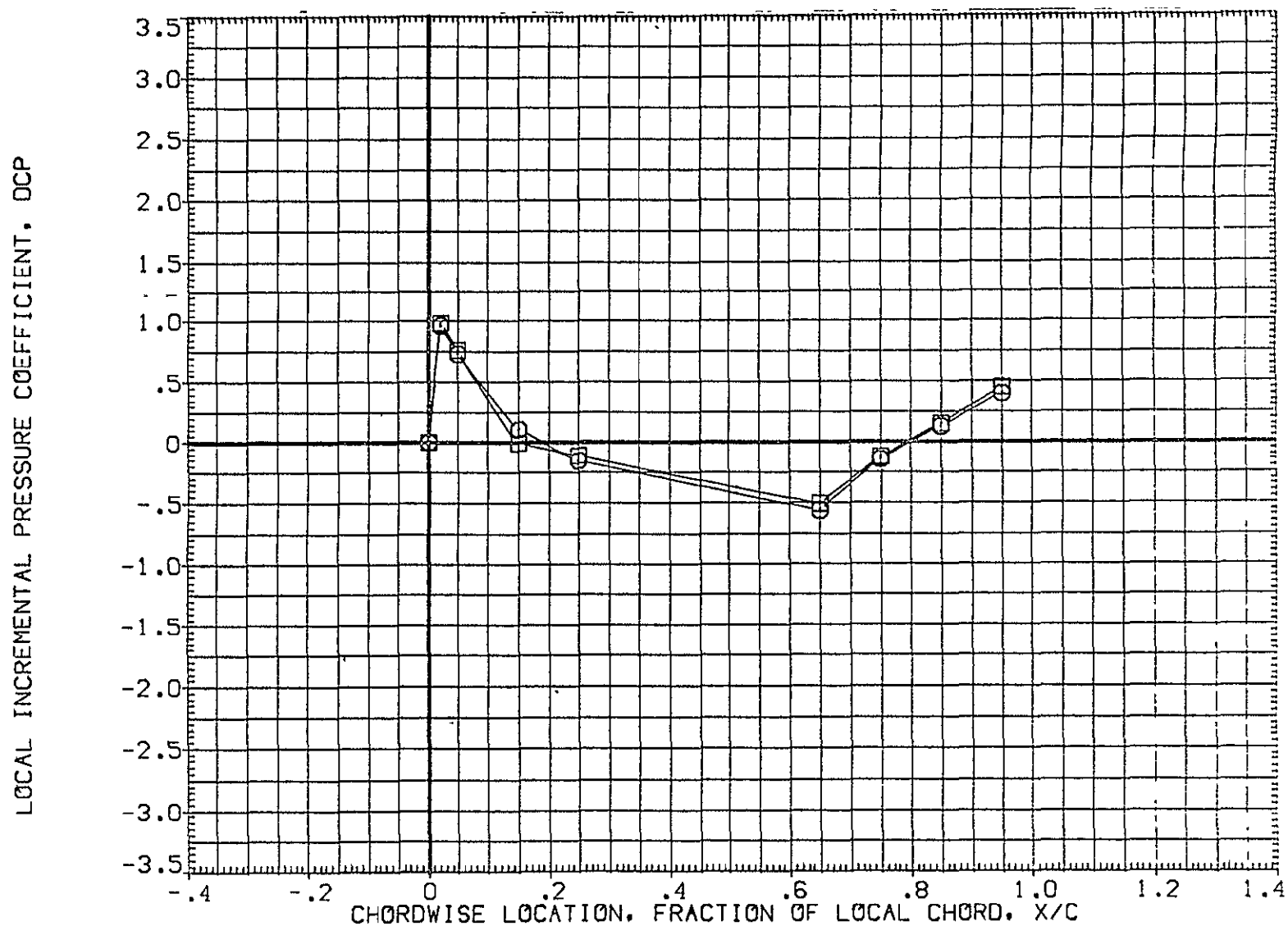


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

PAGE 1374

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7067)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

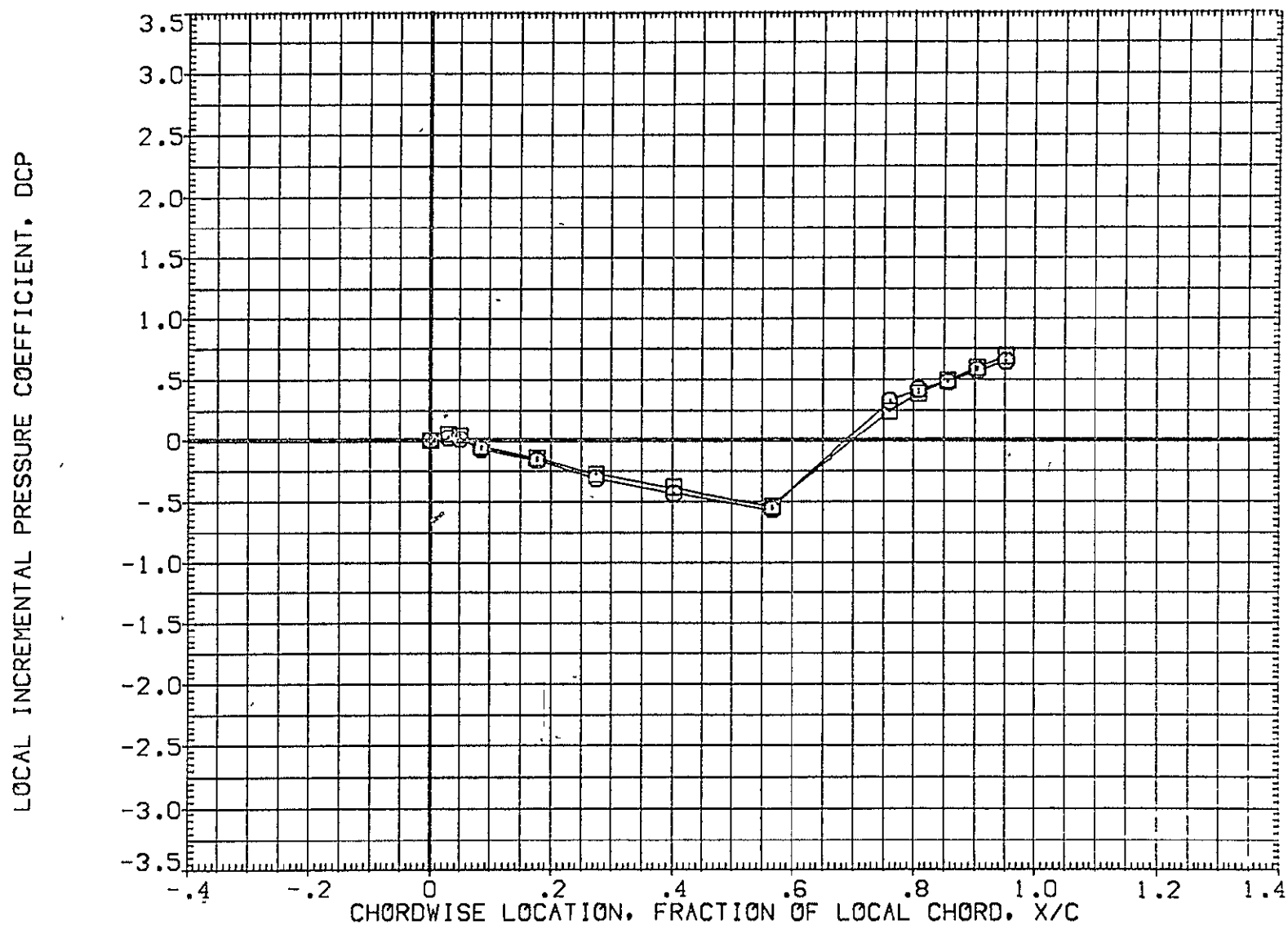


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = .000  $2Y/B = .436$  PAGE 1375



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING { UPPER - LOWER }	.000	.000	.000	.000
{AF7067}	1A70 01 T12 S1 P2 P8 WING { UPPER - LOWER }	.000	.000	.000	.000

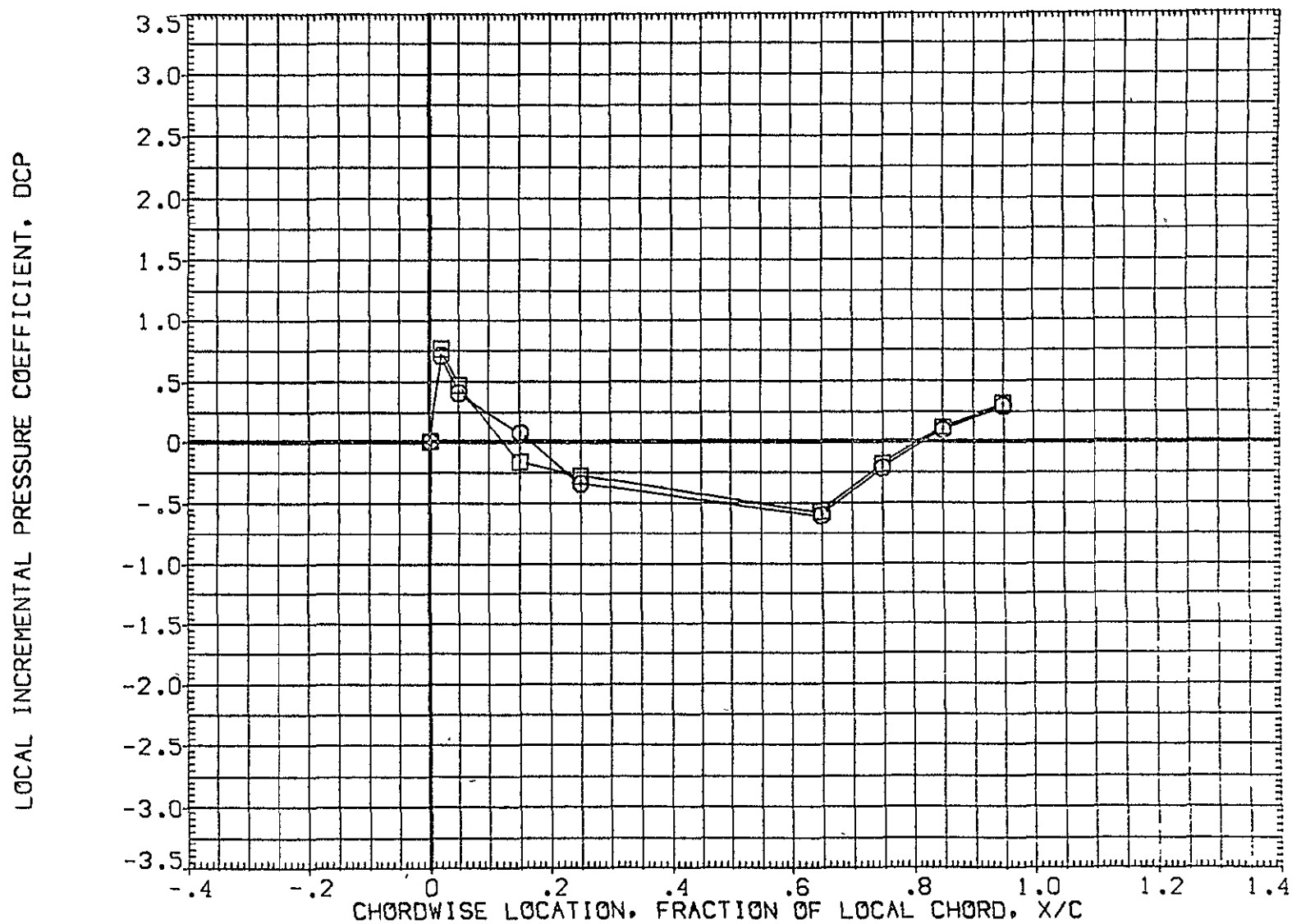


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

PAGE 1376

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045) ○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7067) □	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000

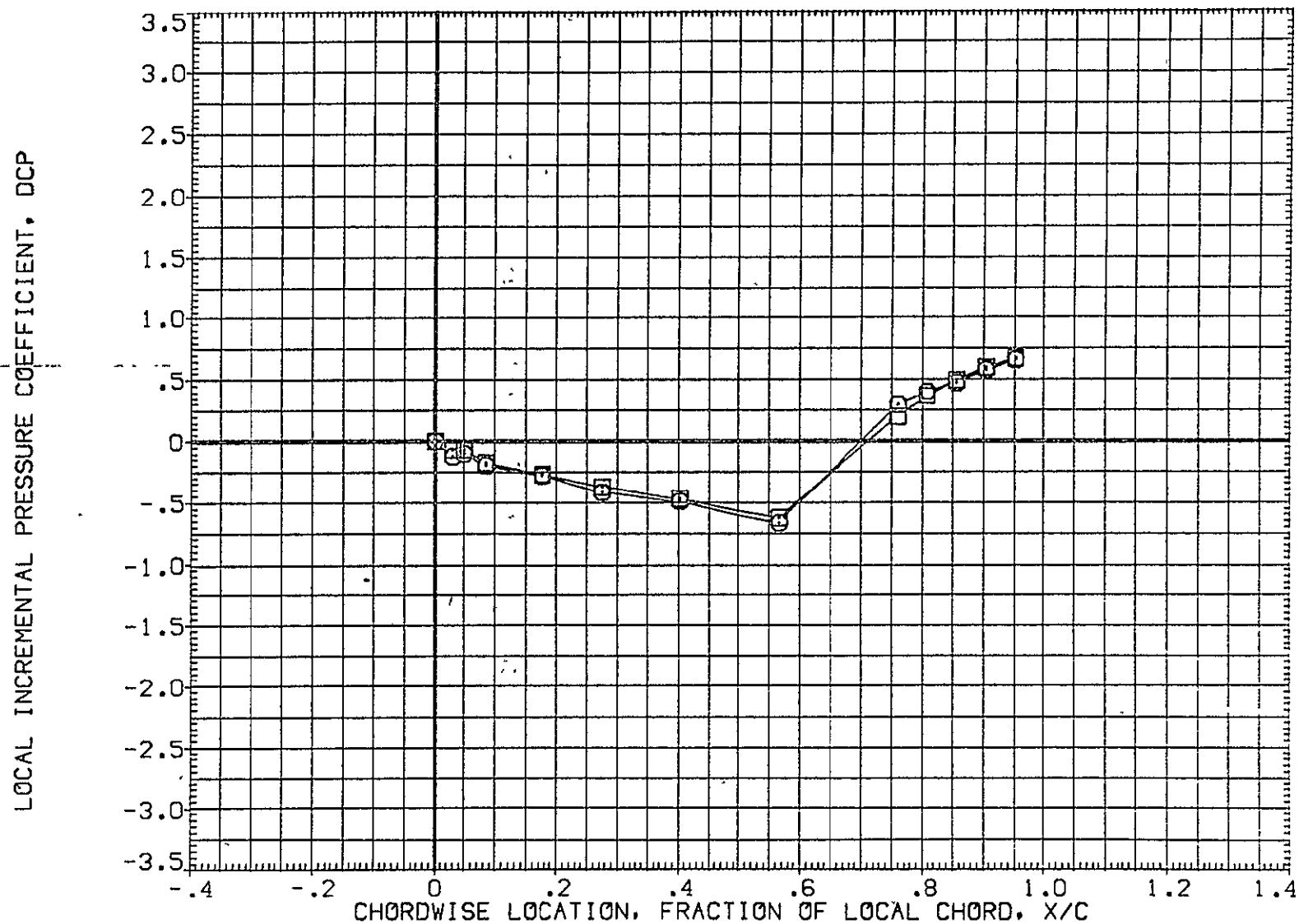


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436 PAGE 1377

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 112 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7057)	1A70 01 112 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

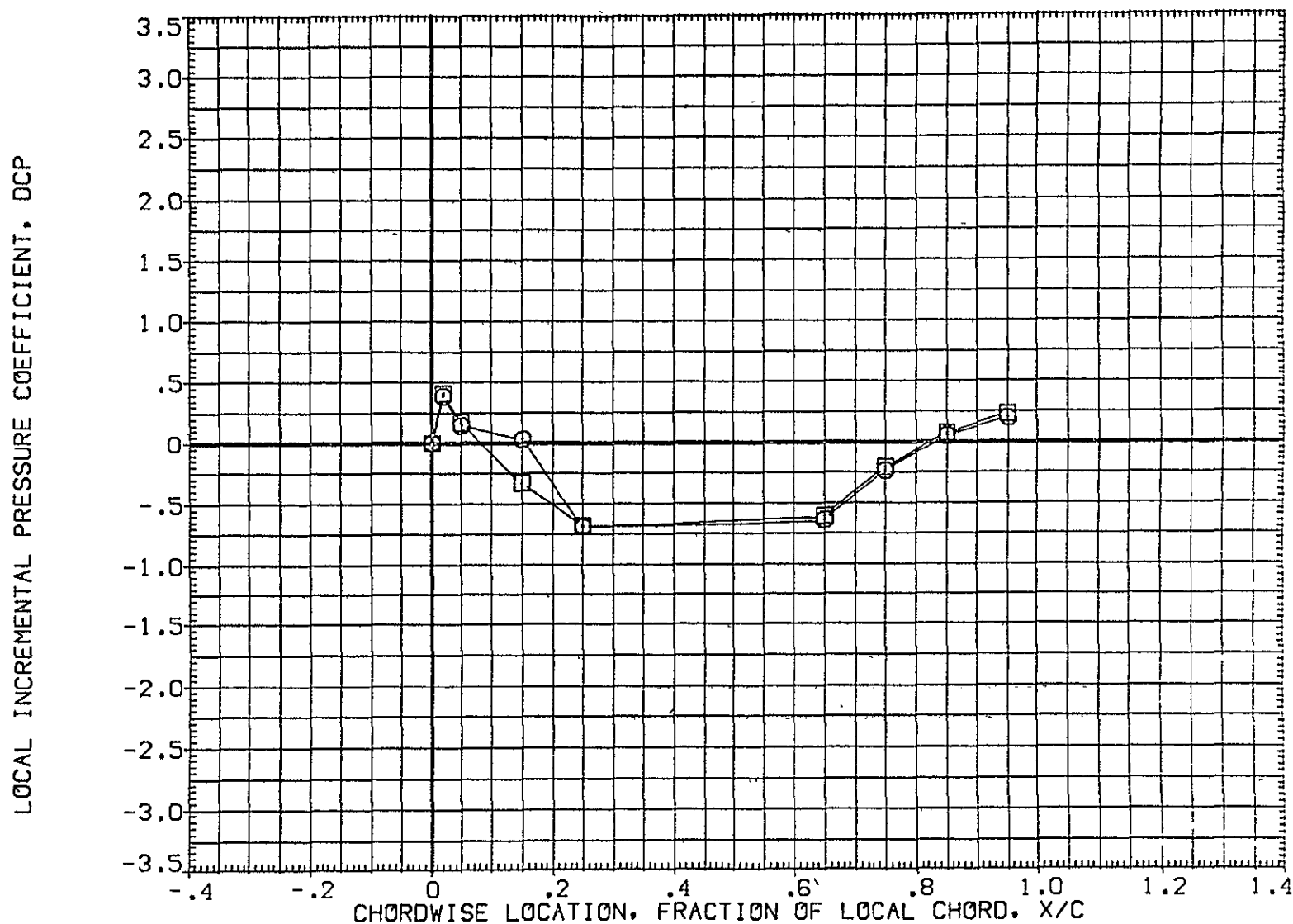


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7067)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

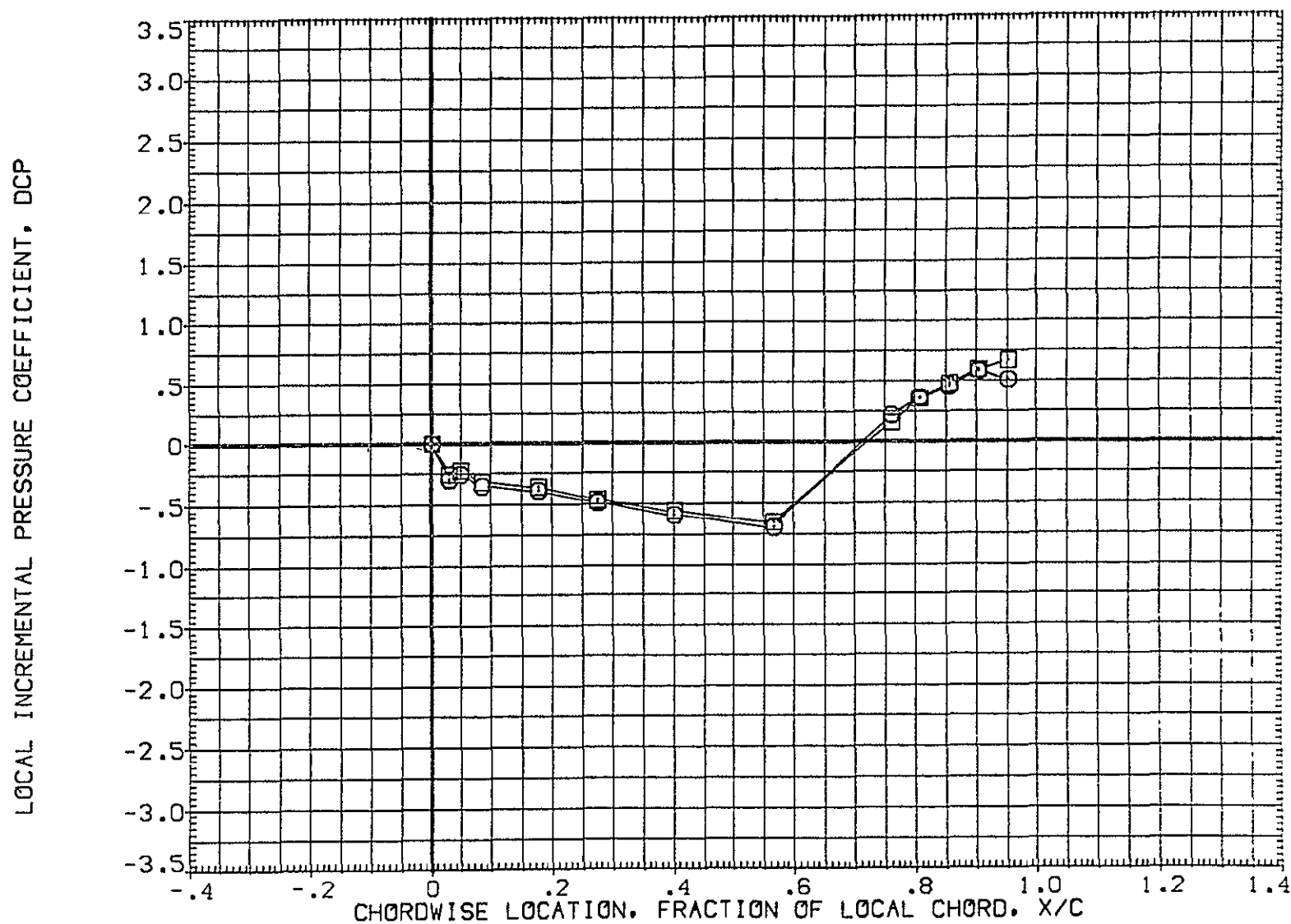


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 4.000 2Y/B = .436 PAGE 1379

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045]	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7067]	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

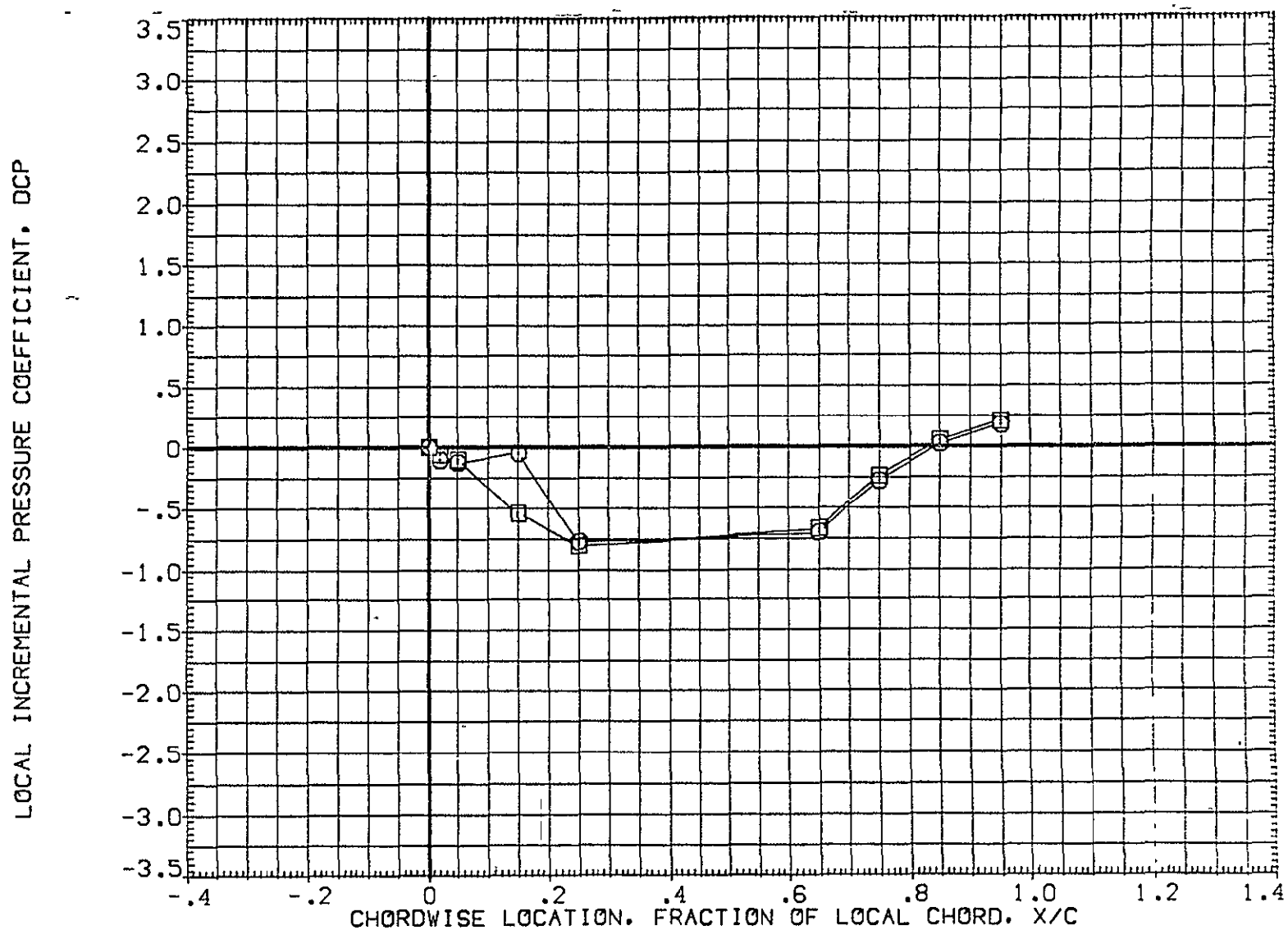


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

PAGE 1380

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7067)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

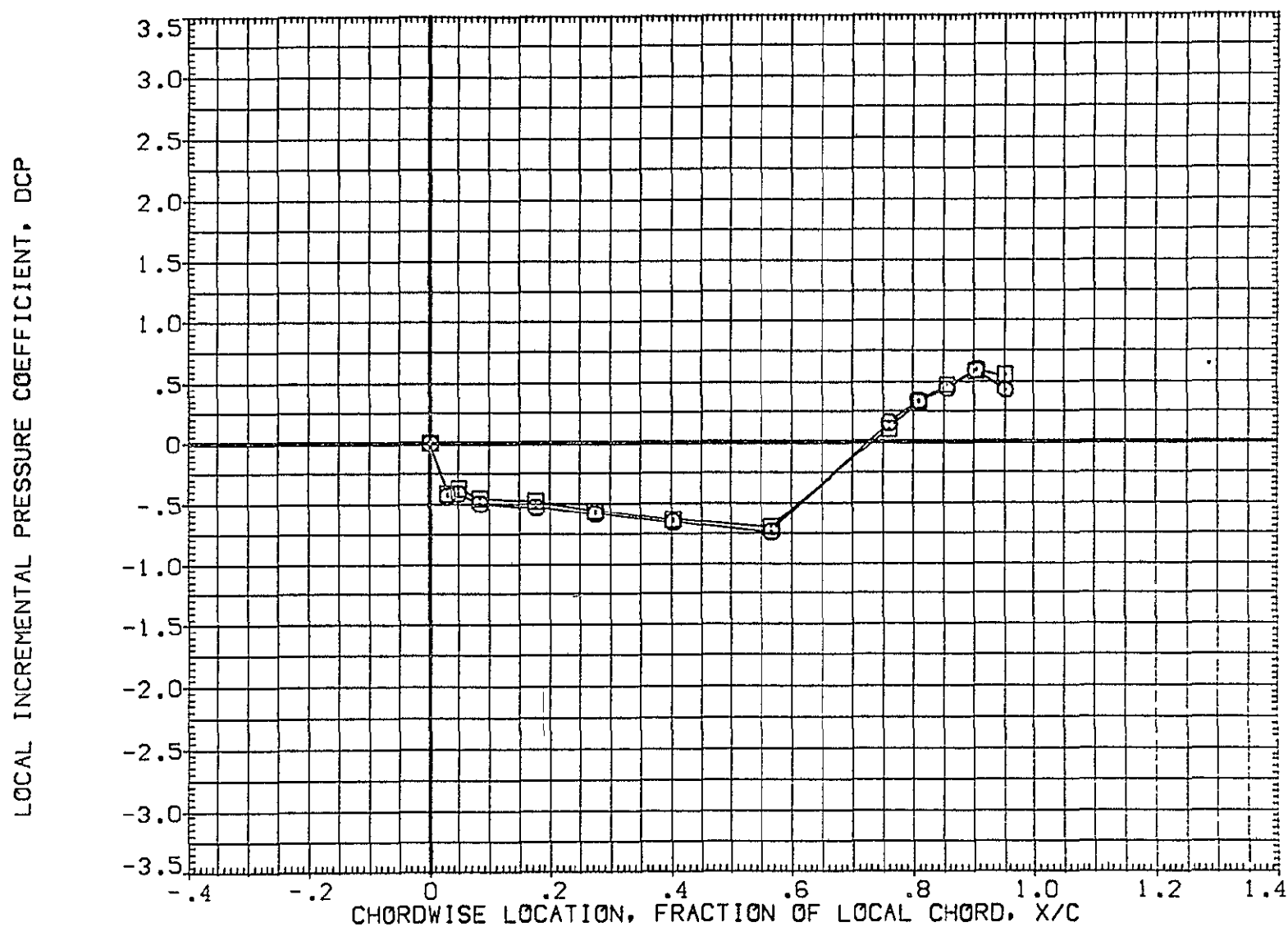


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

PAGE 1381

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7067)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

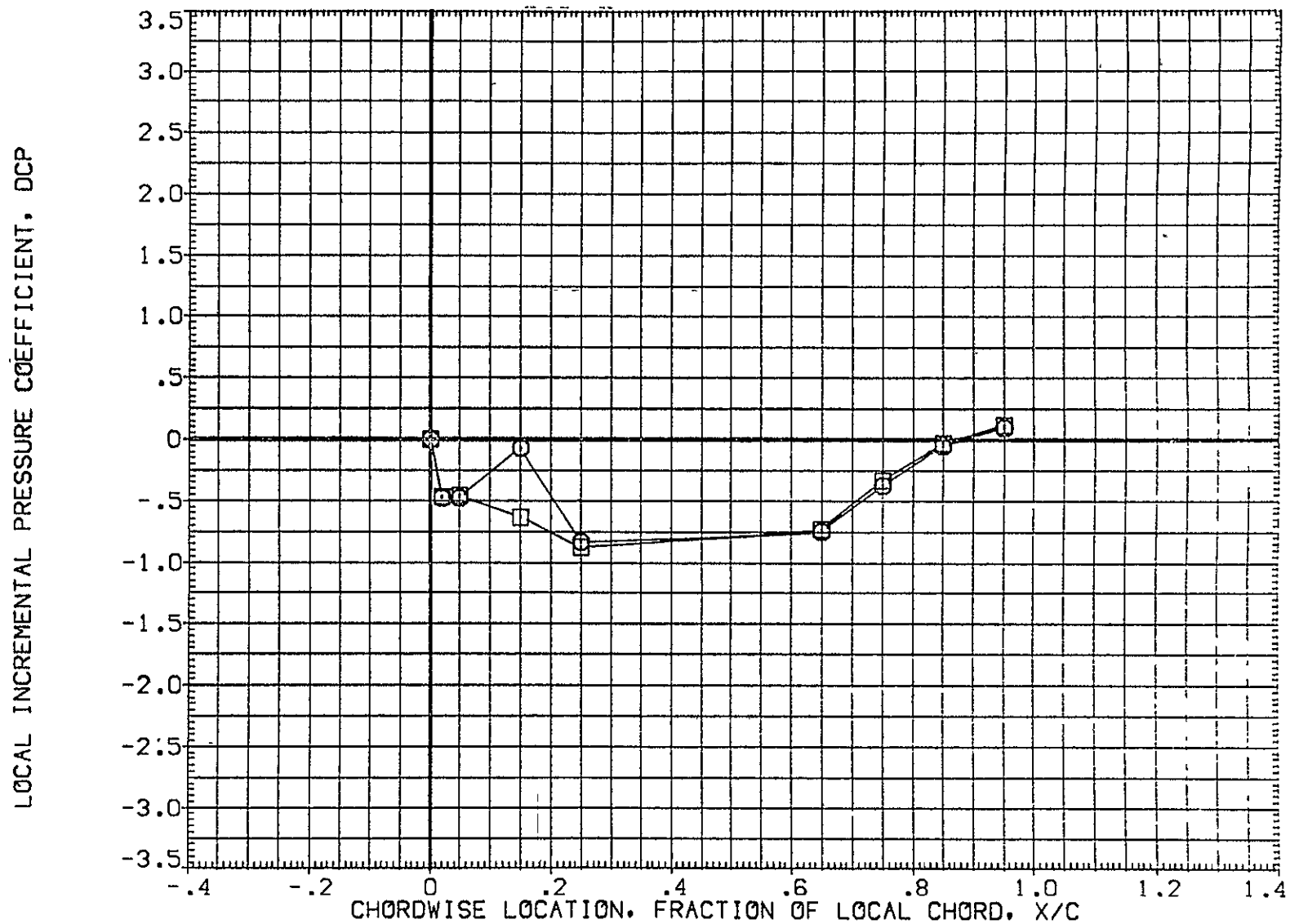


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7067)	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

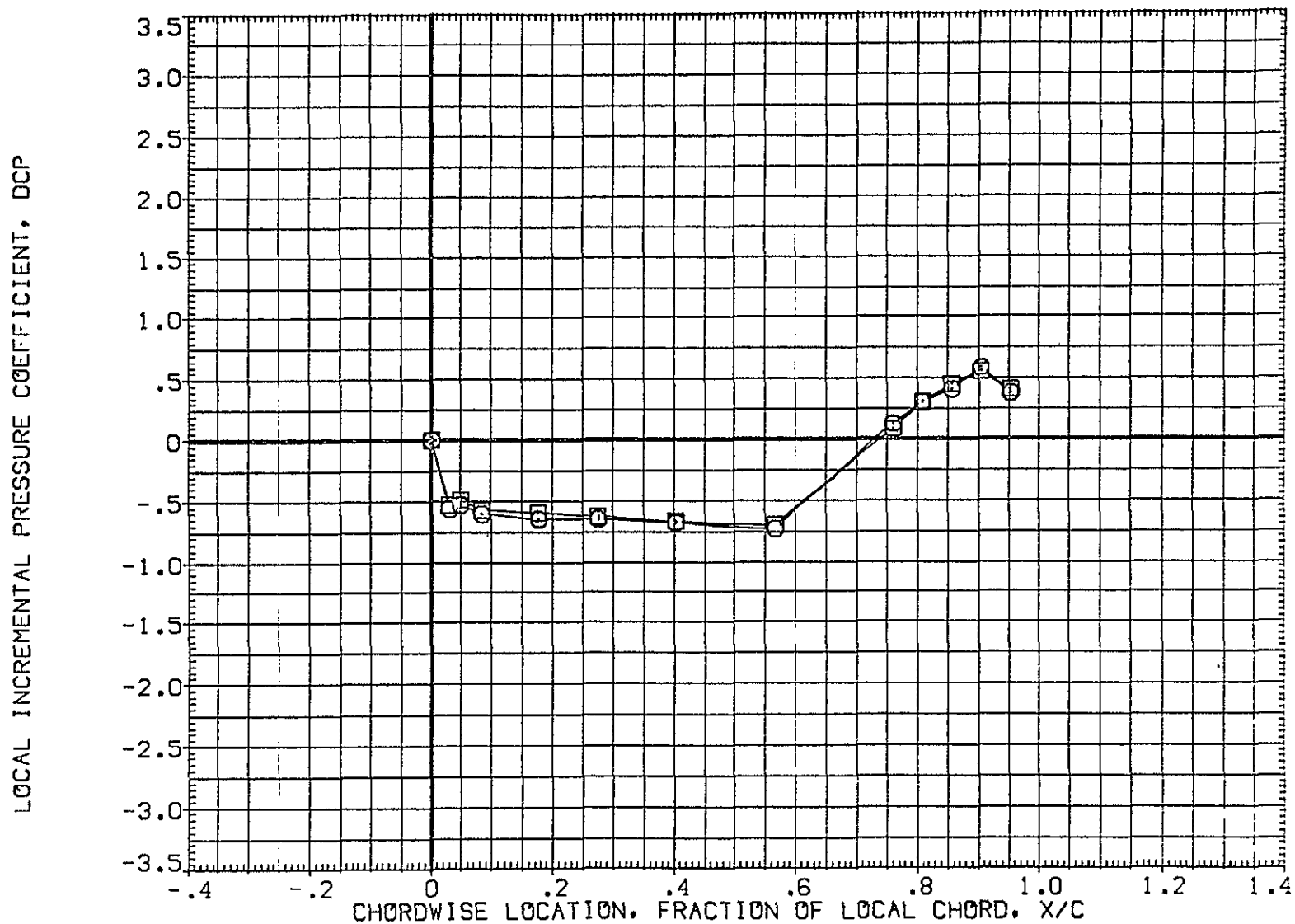


FIG 31 EFFECT OF FOREWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436 PAGE 1383



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7067}	1A70 01 T12 S1 P2 P9 WING ( UPPER - LOWER )	.000	.000	.000	.000

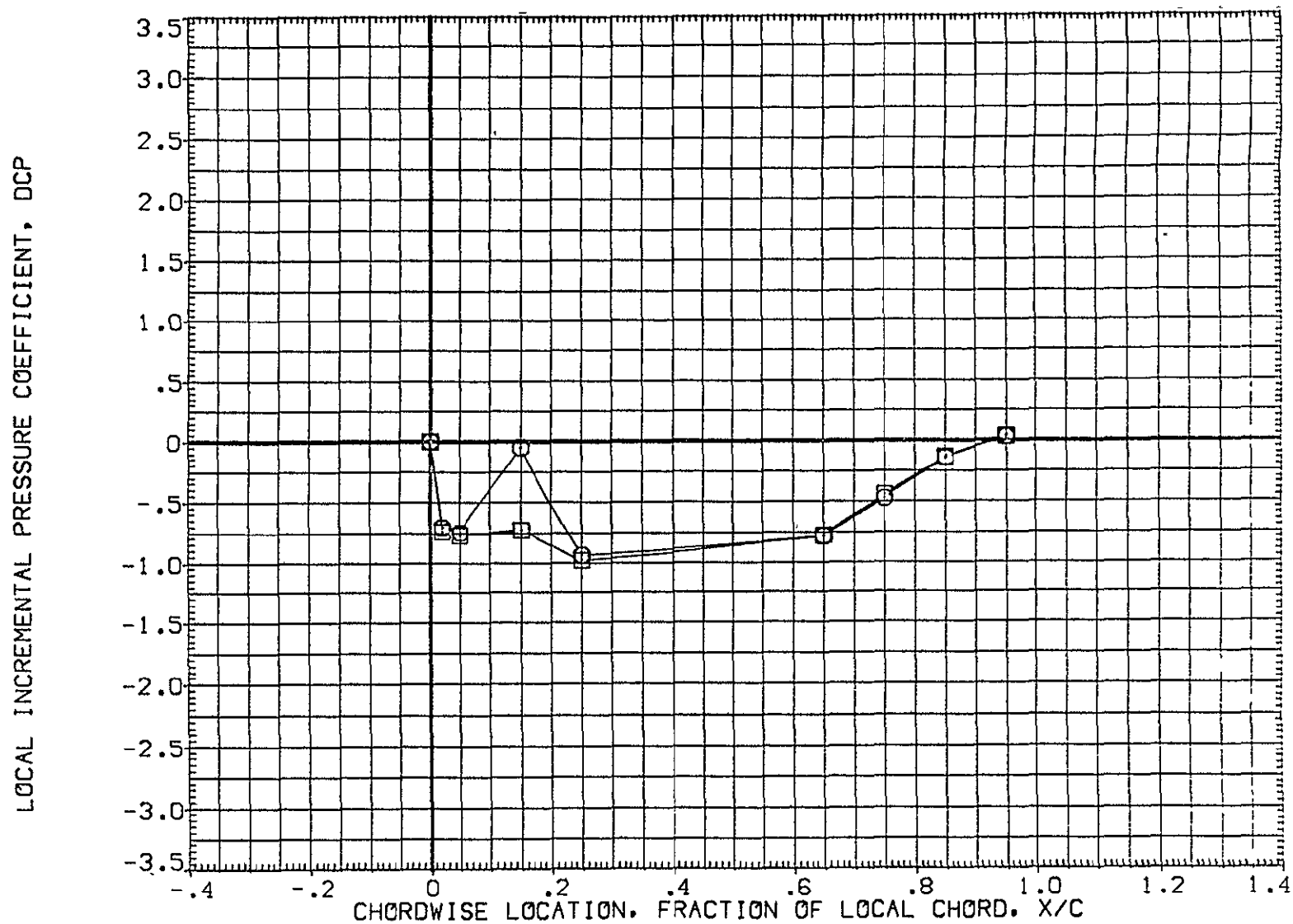


FIG 31 EFFECT OF FORWARD ATTACH POINT WEDGE, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 8.000 2Y/B = .771 PAGE 1384

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U68}	1A70 01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

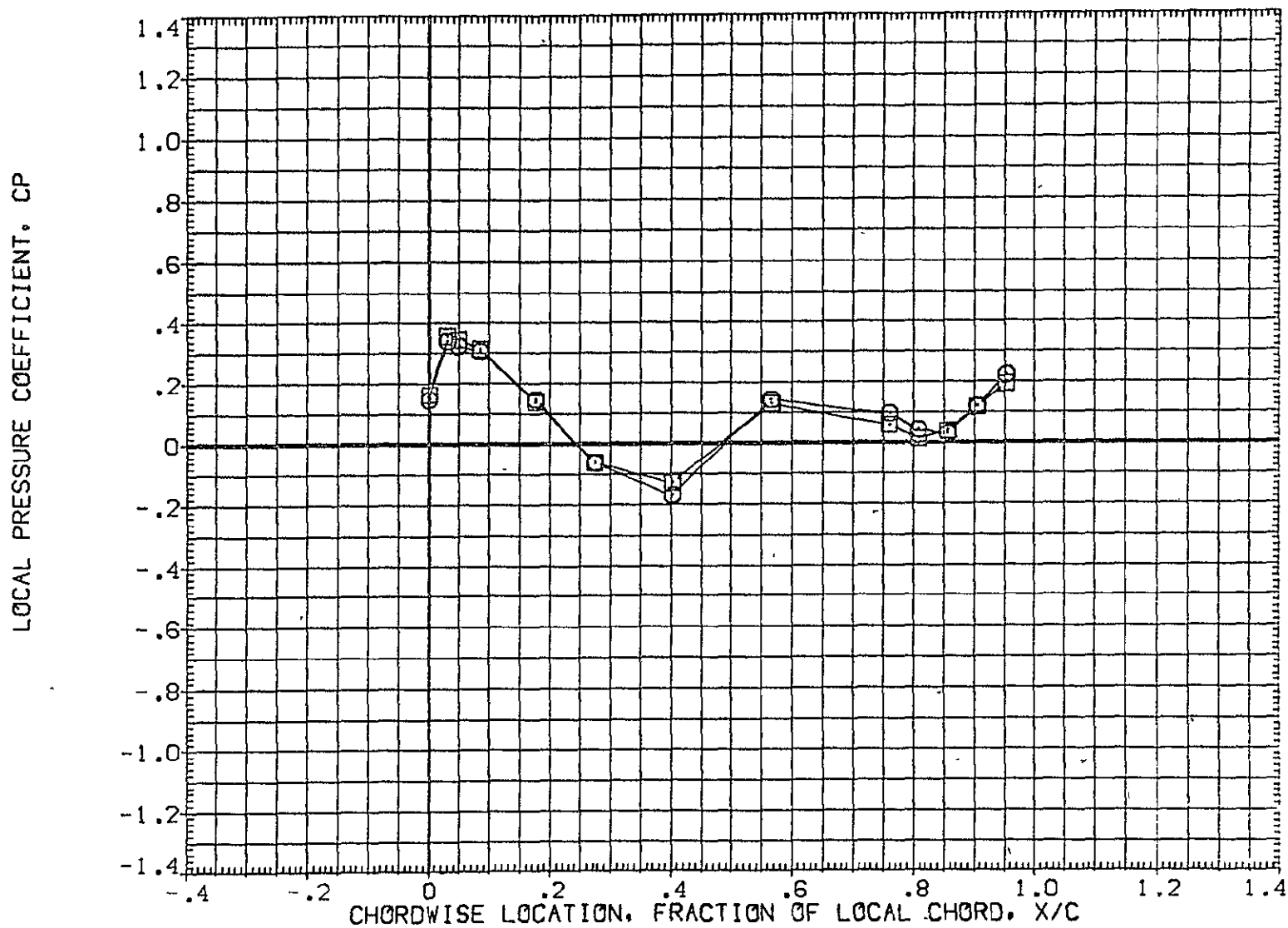


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U68]	1A70 01 T12 S1 P2 P10	.000	.000	.000	.000

WING UPPER SURFACE  
WING UPPER SURFACE

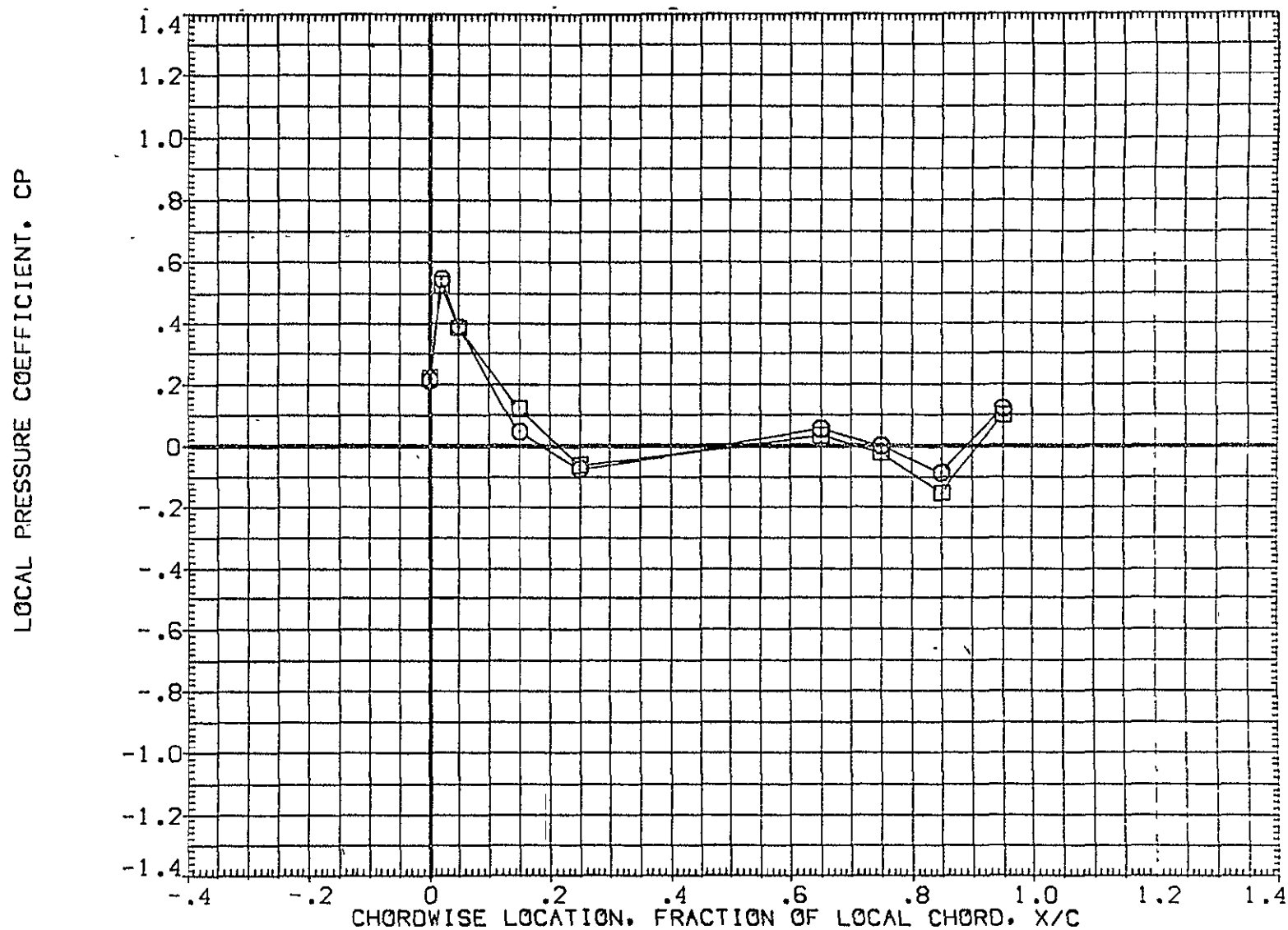


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

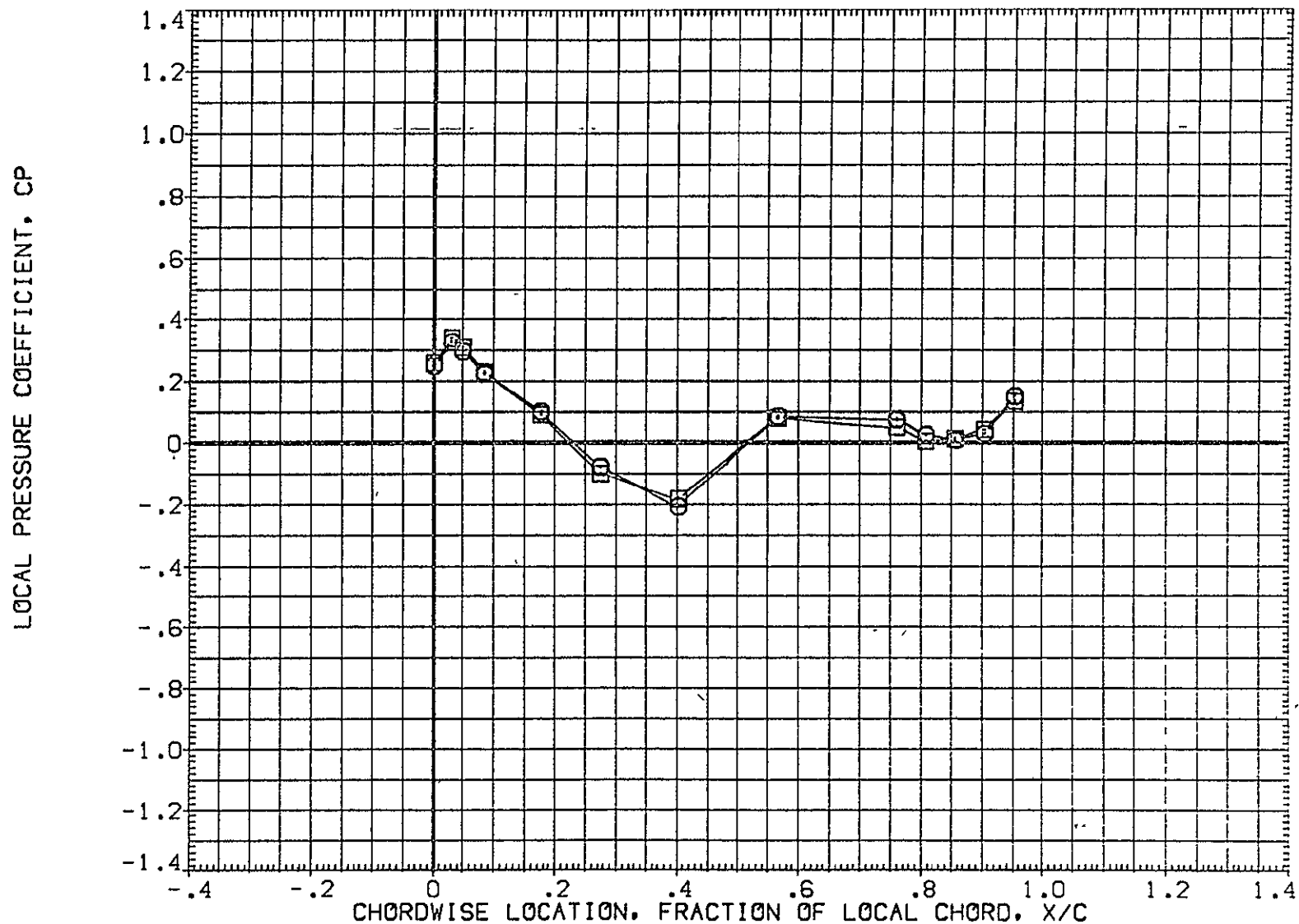


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U68]	1A70 01 T12 S1 P2 P10	.000	.000	.000	.000

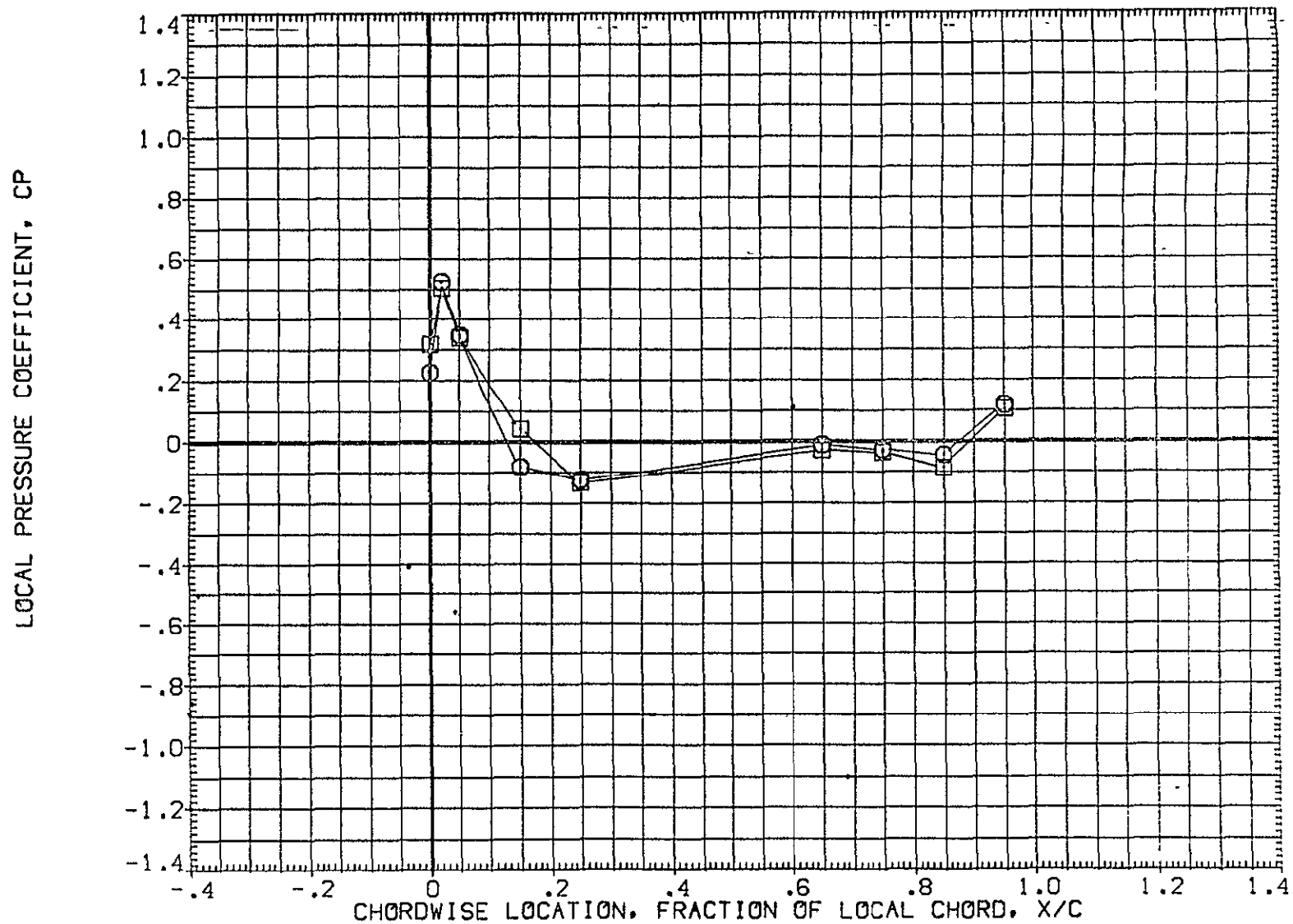


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U68}	01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

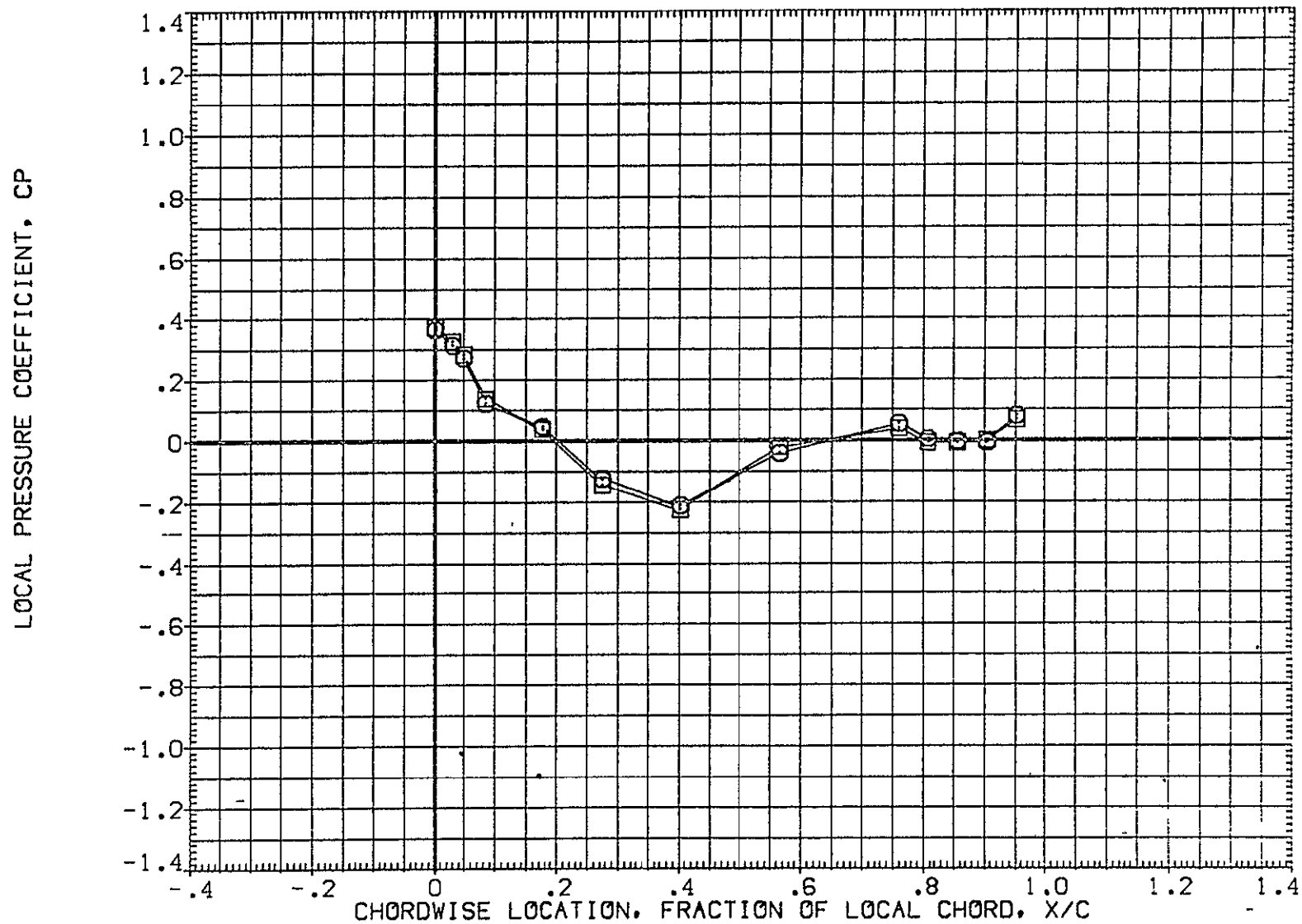


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U68]	1A70 01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

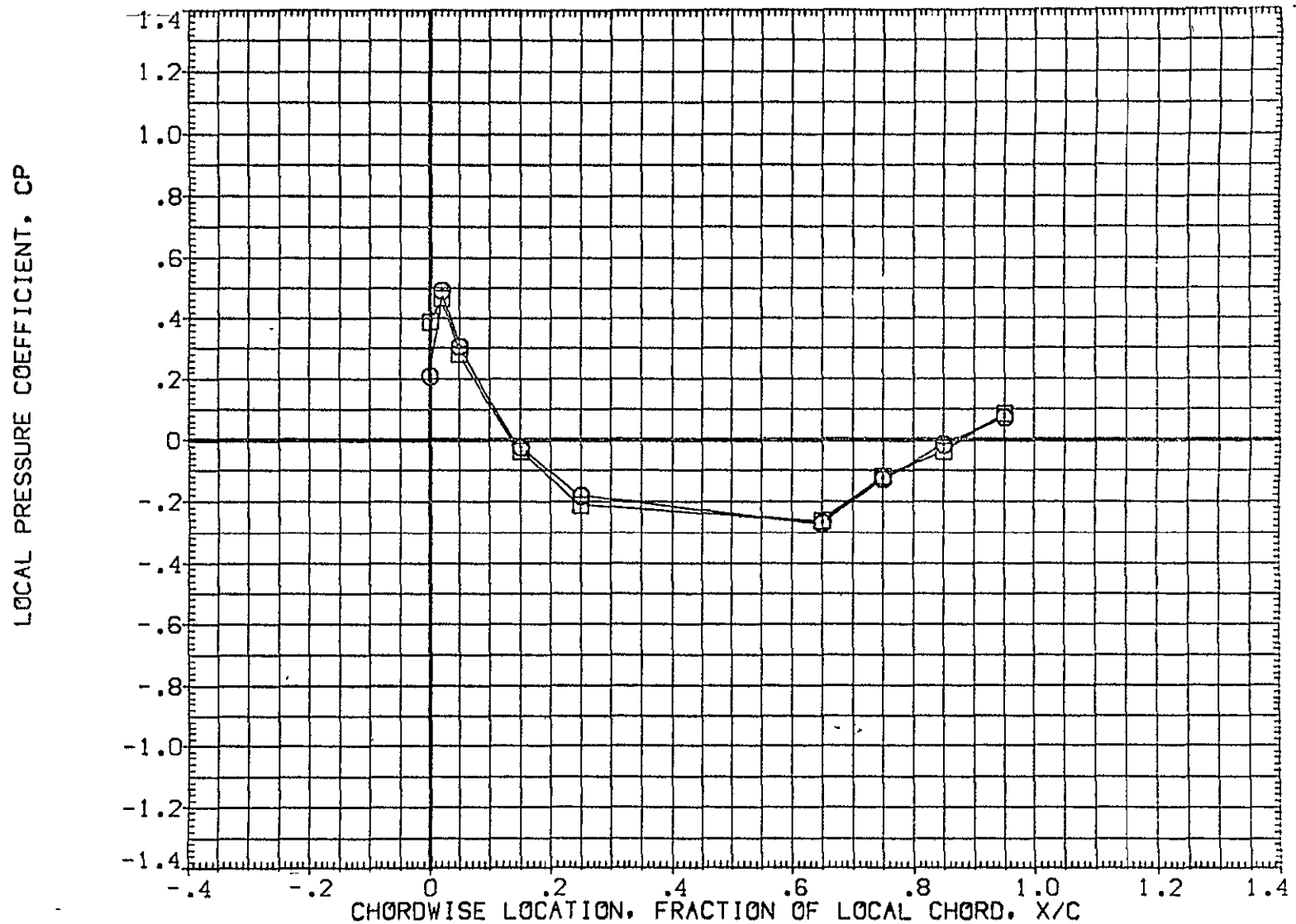


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

PAGE 1390

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U68}	1A70 01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

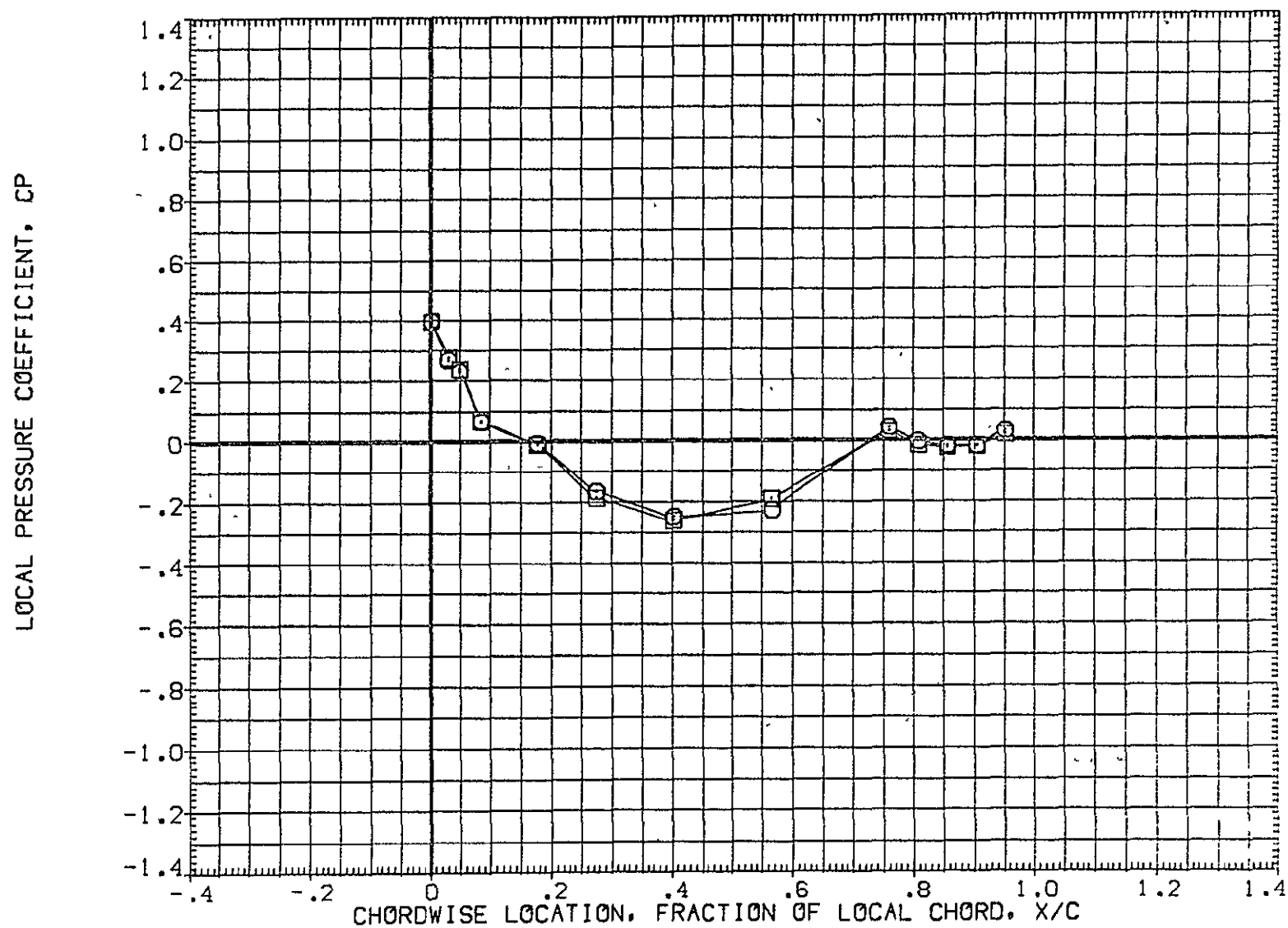


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436 PAGE 1391



DATA SET	SYMBOL	CONF	DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	□	1A70	01 T12 S1 P2 P8	WING UPPER SURFACE	.000	.000	.000
[AF7U68]	○	1A70	01 T12 S1 P2 P10	WING UPPER SURFACE	.000	.000	.000

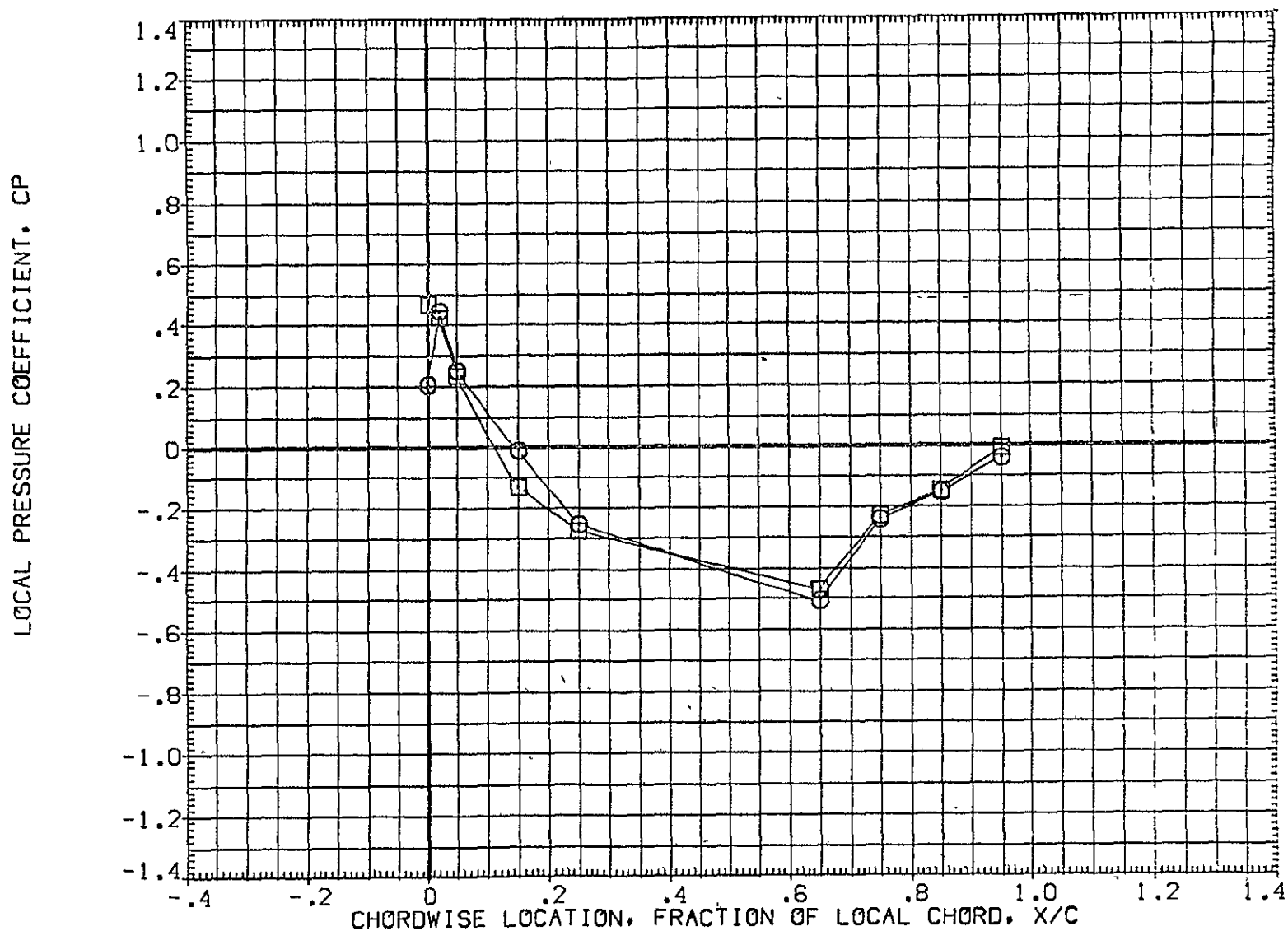


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7U68)	1A70 01 T12 S1 P2 P10	.000	.000	.000	.000

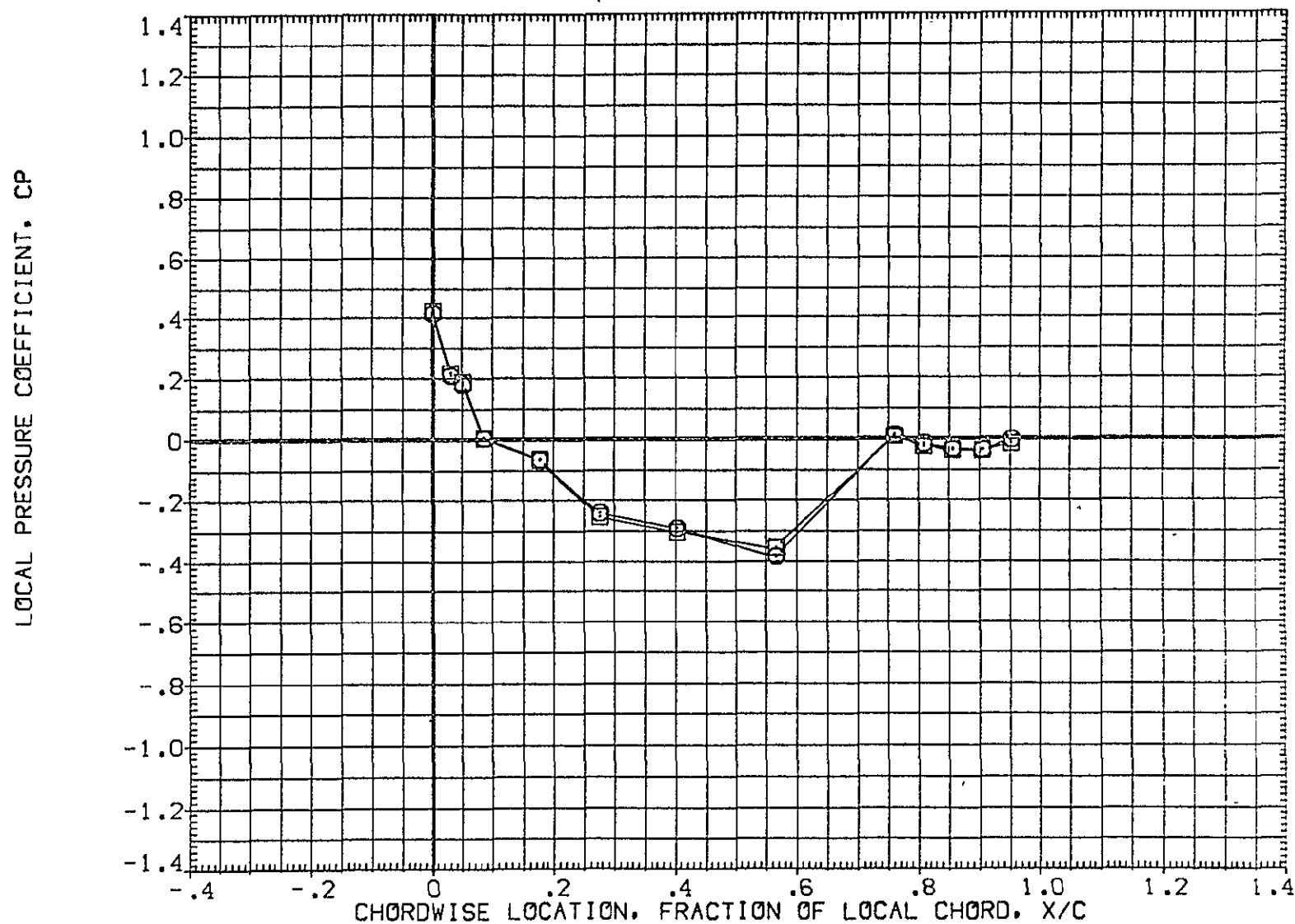


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U68}	1A70 01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

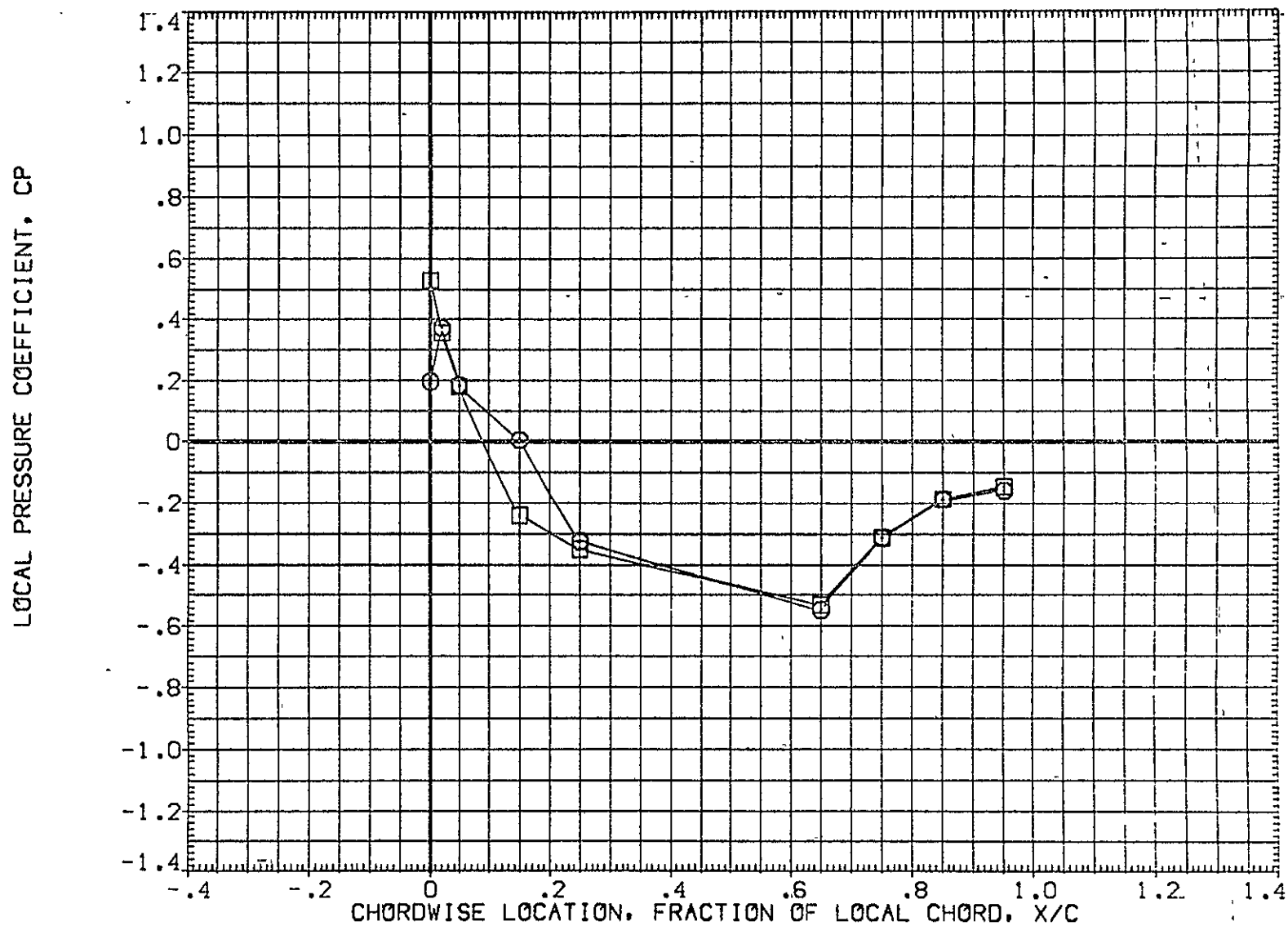


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U68}	1A70 01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

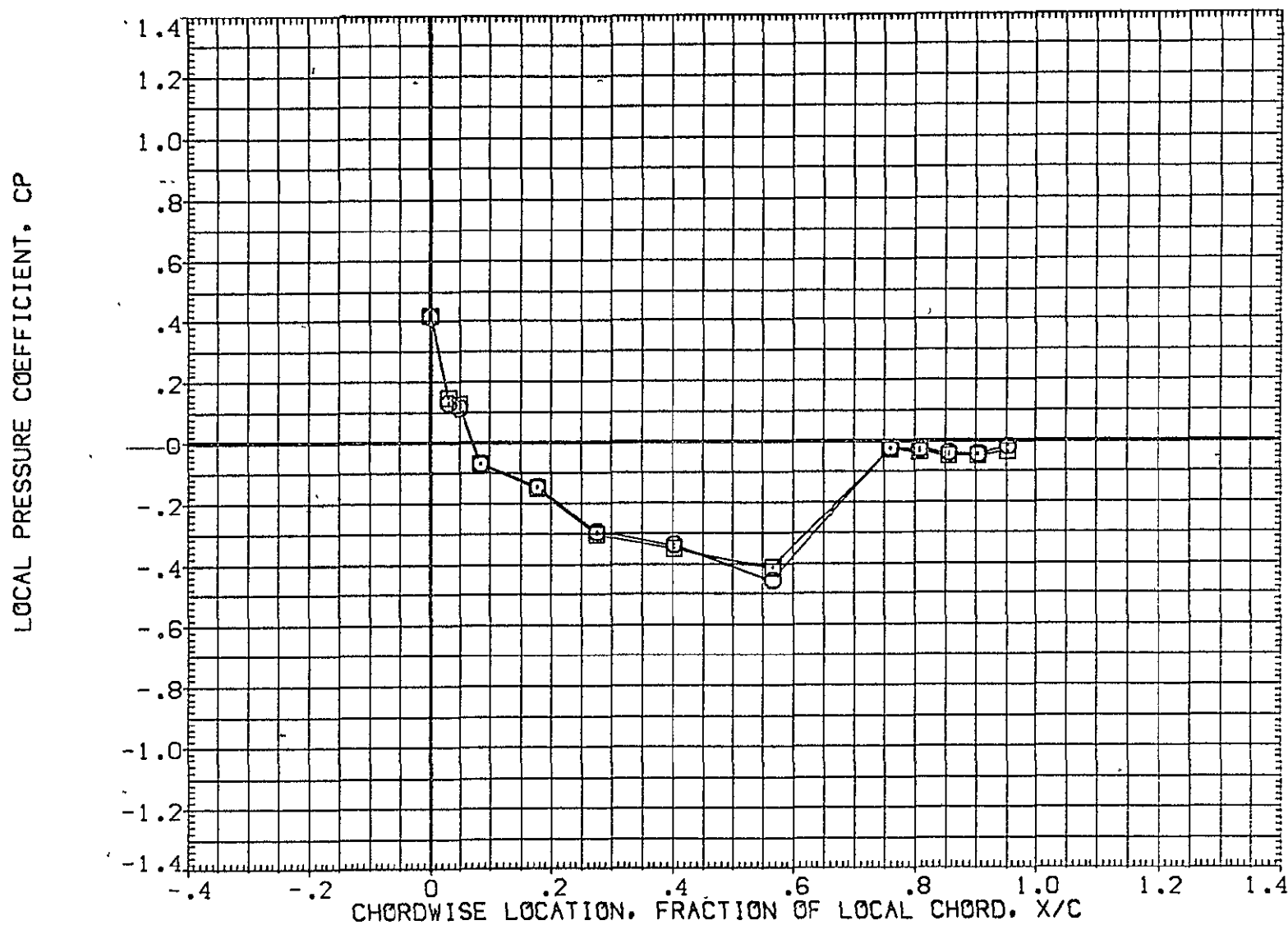


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
[AF7U68]	1A70 01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

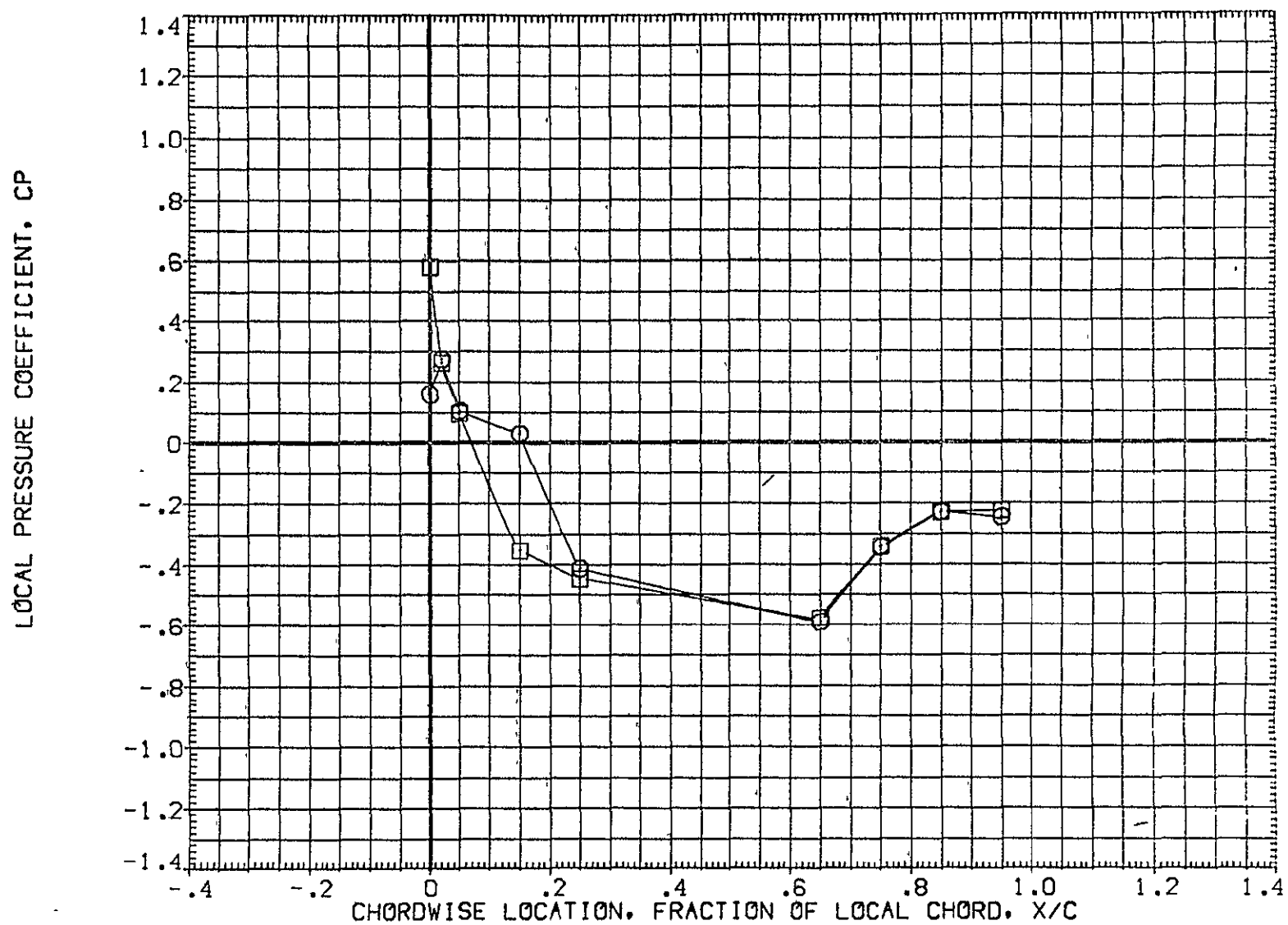


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U68]	1A70 01 T12 S1 P2 P10	.000	.000	.000	.000

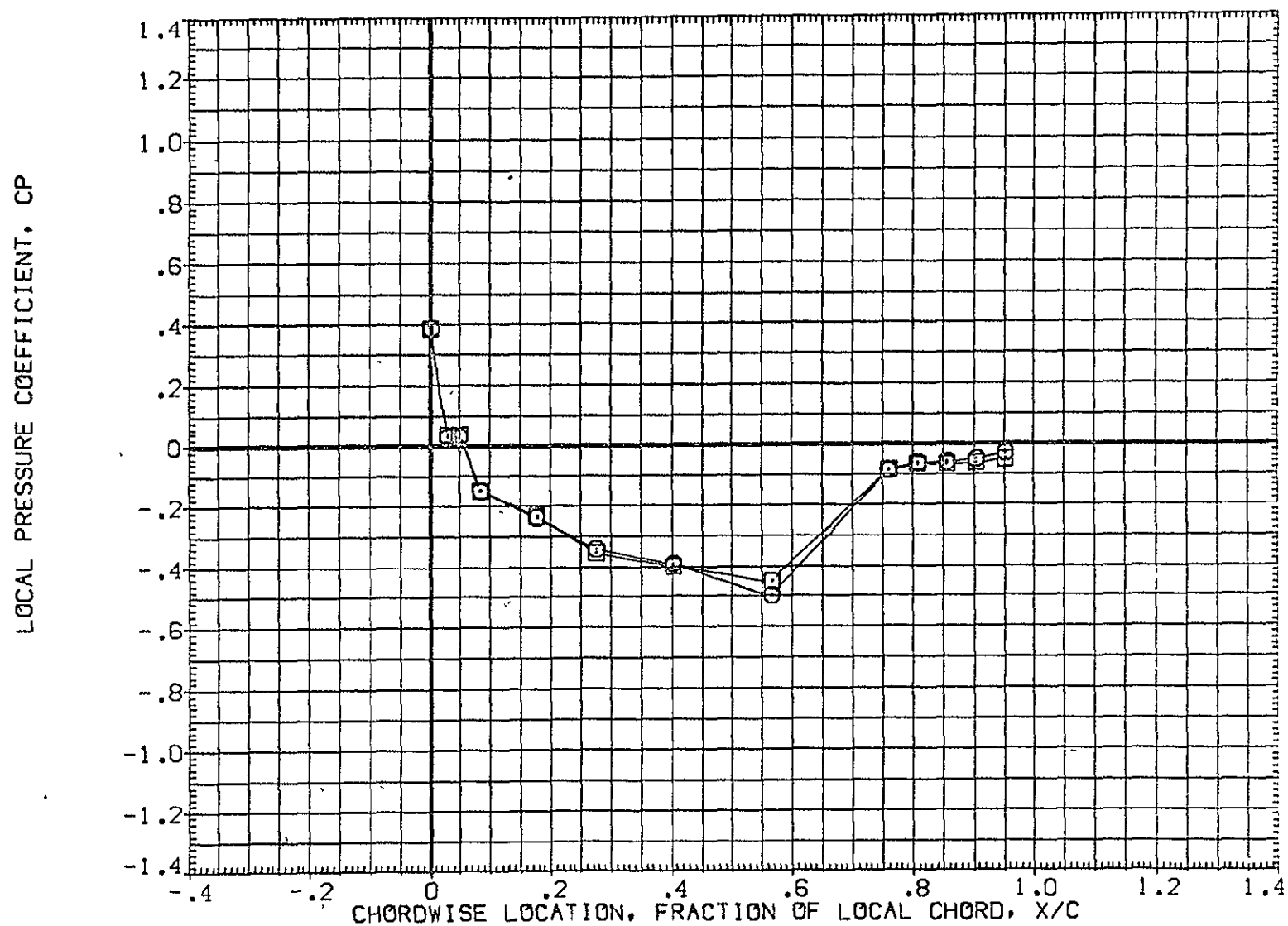


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

DATA SET SYMBOL CONFIGURATION DESCRIPTION  
 (AF7U45) 1A70 01 T12 S1 P2 P8  
 (AF7U68) 1A70 01 T12 S1 P2 P10

WING UPPER SURFACE ELV-1 ELV-2 ELV-3 ELV-4  
 WING UPPER SURFACE .000 .000 .000 .000  
 WING UPPER SURFACE .000 .000 .000 .000

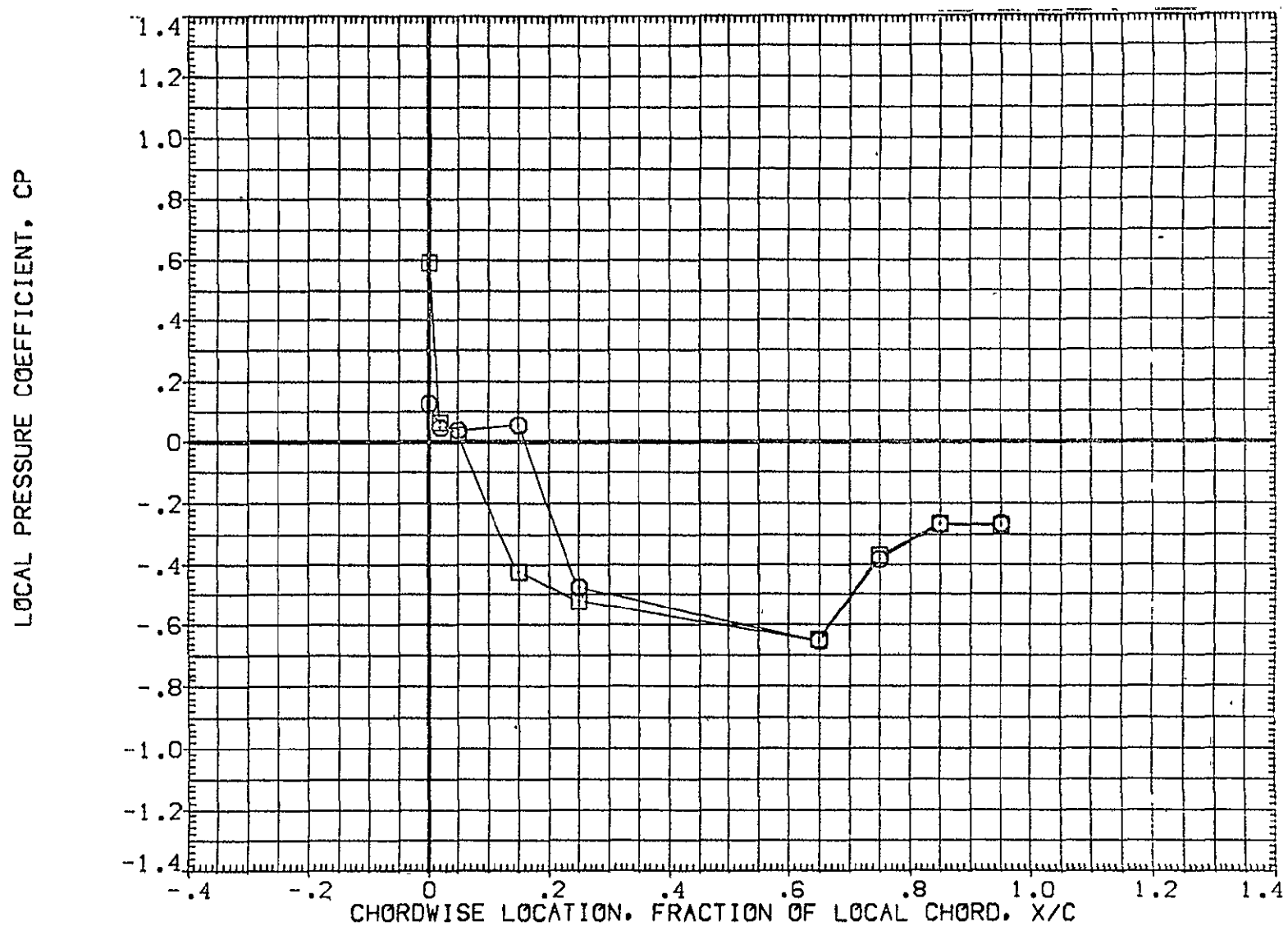


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7U45)	IA70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
(AF7U68)	IA70 01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

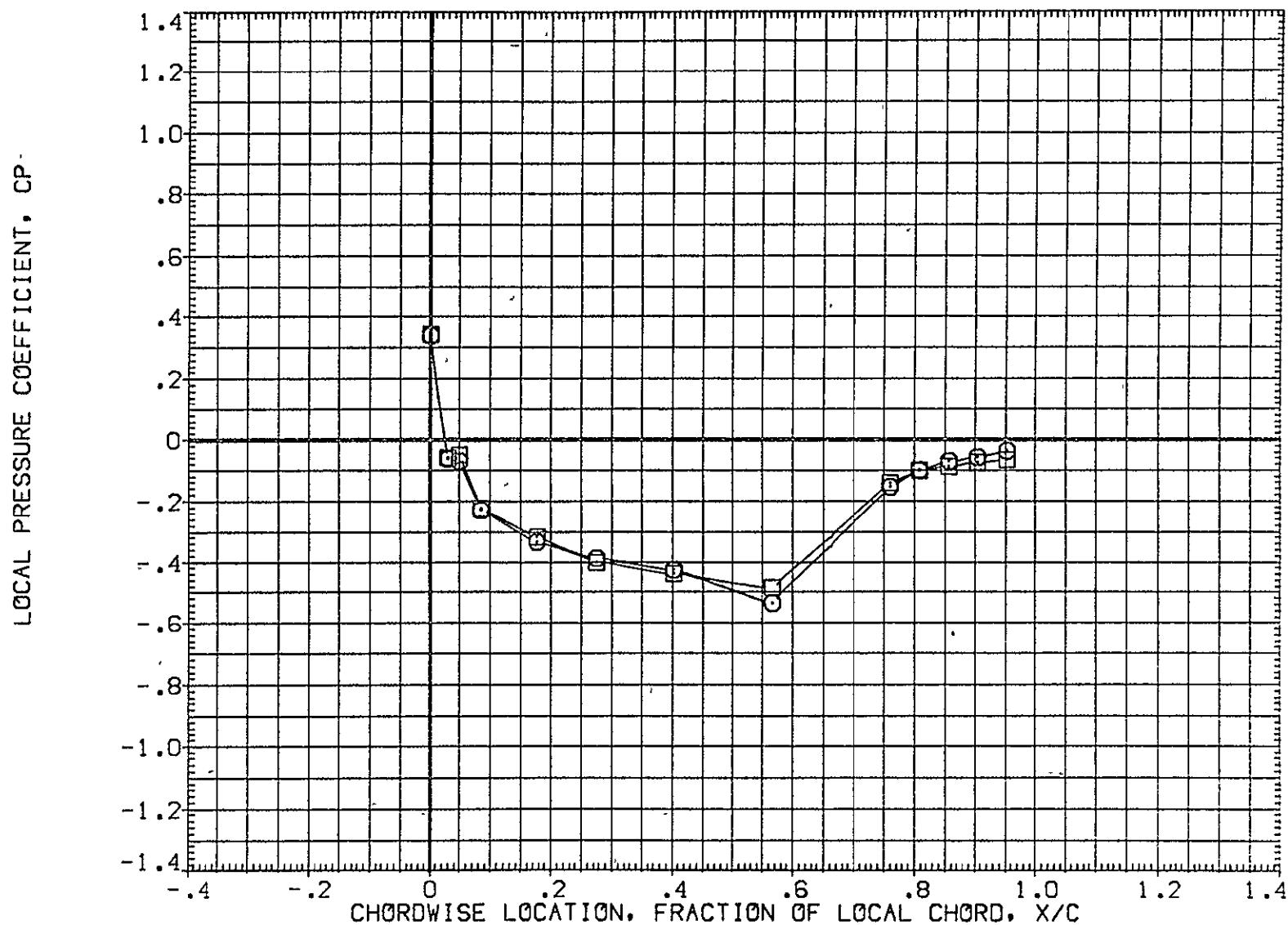


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
(AF7068)	1A70 01 T12 S1 P2 P10	.000	.000	.000	.000

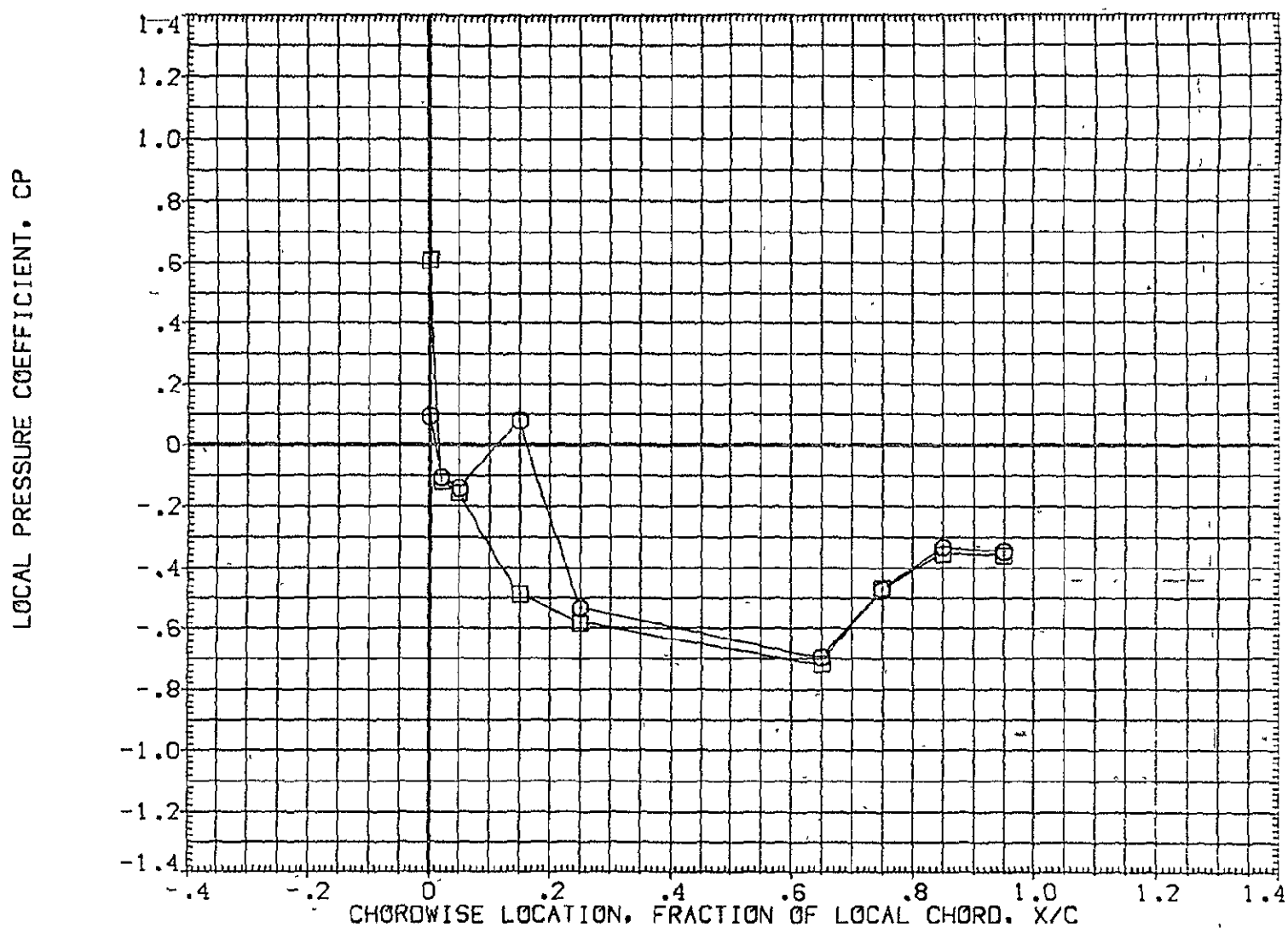


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7U45}	1A70 01 T12 S1 P2 P8 WING UPPER SURFACE	.000	.000	.000	.000
{AF7U68}	1A70 01 T12 S1 P2 P10 WING UPPER SURFACE	.000	.000	.000	.000

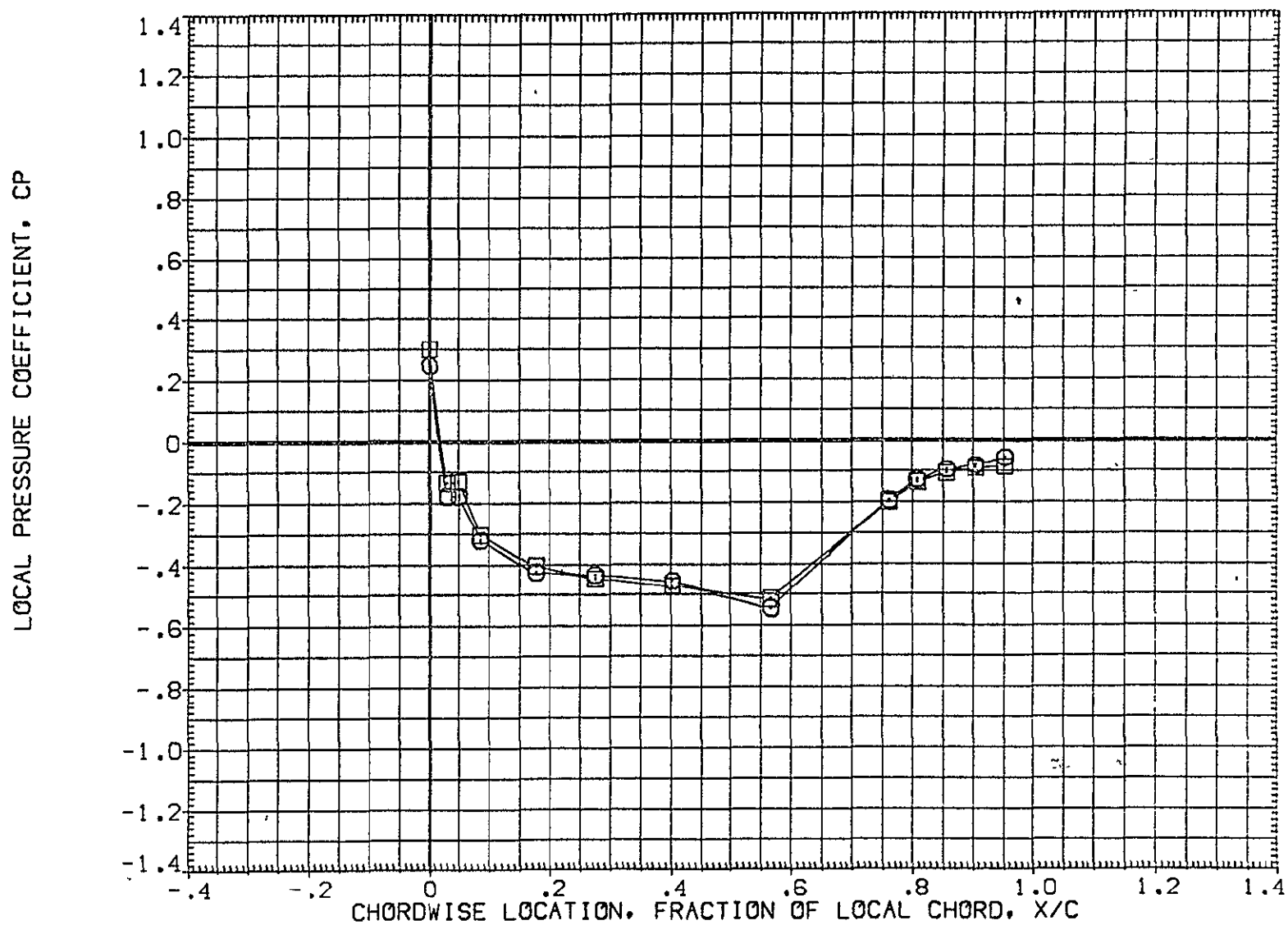


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7U45]	1A70 01 T12 S1 P2 P8	.000	.000	.000	.000
[AF7U68]	1A70 01 T12 S1 P2 P10	.000	.000	.000	.000

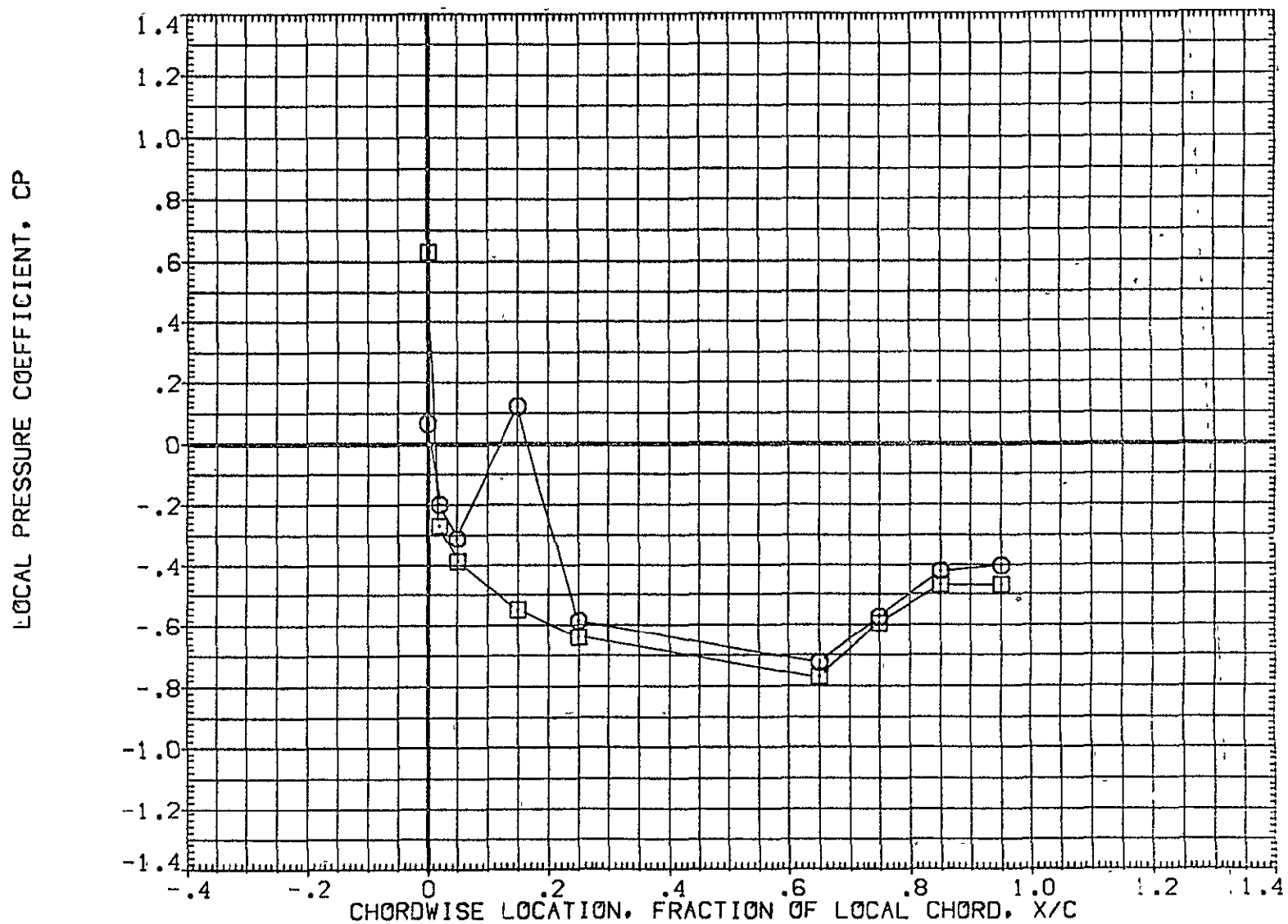


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

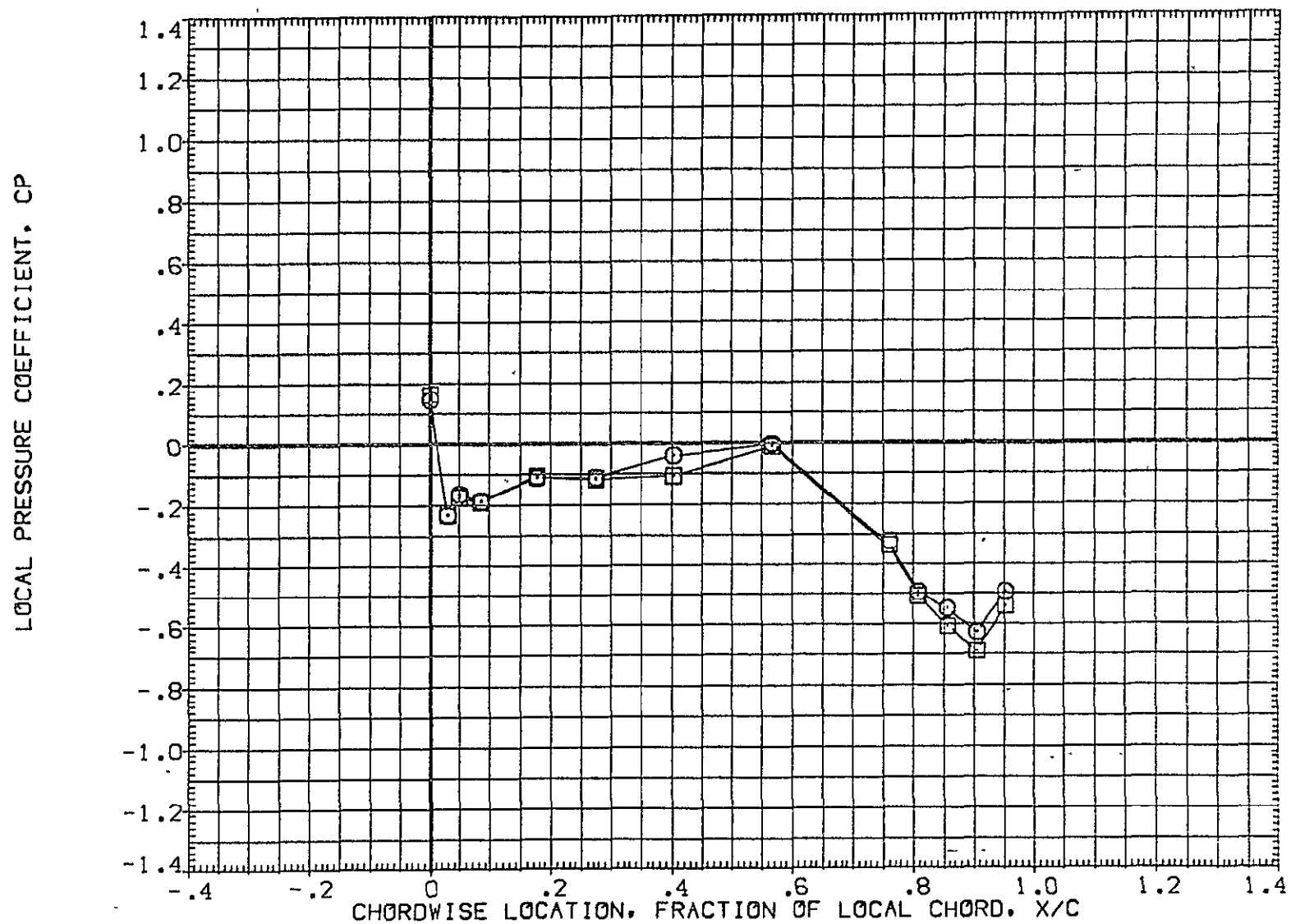


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

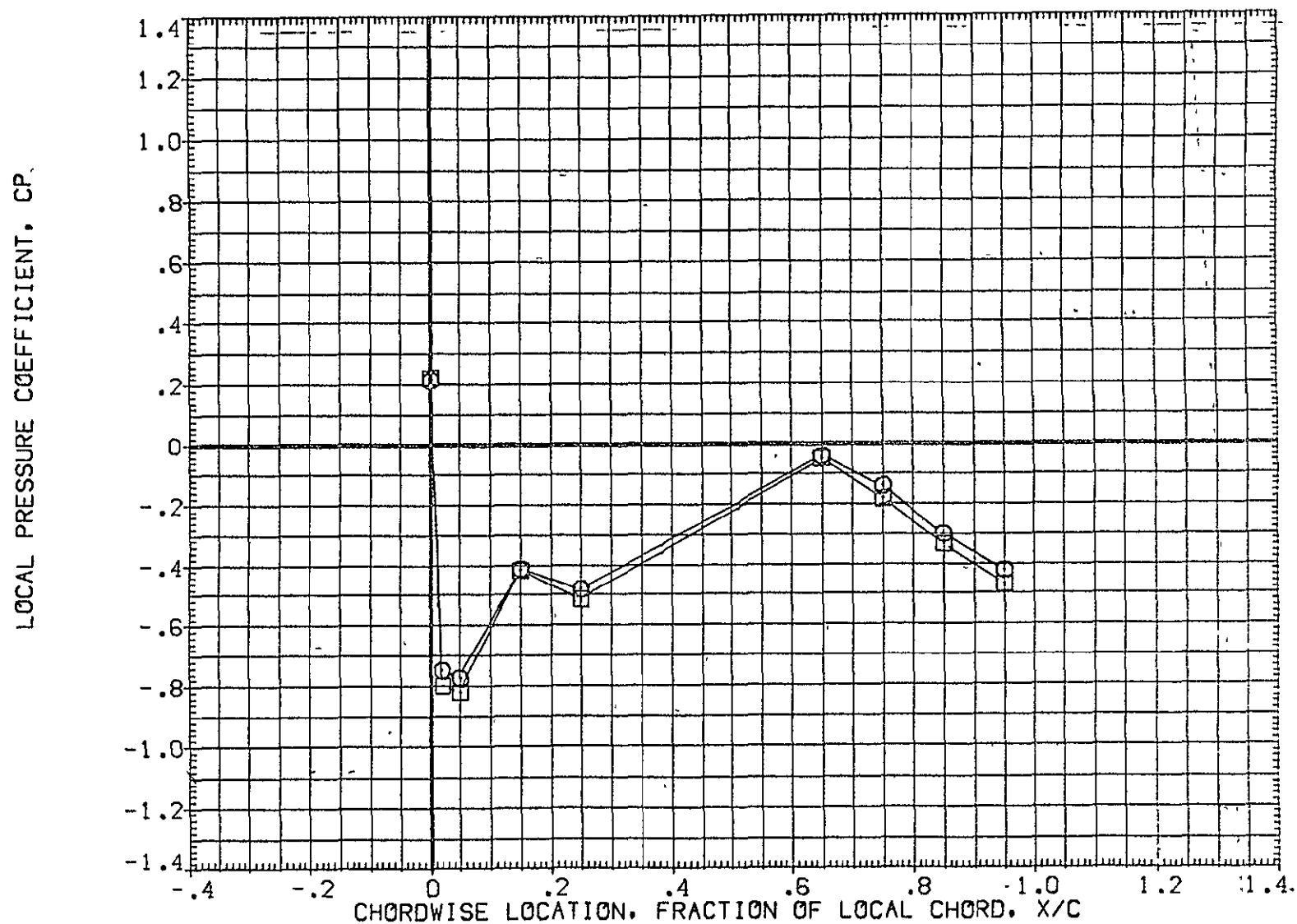


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L68}	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

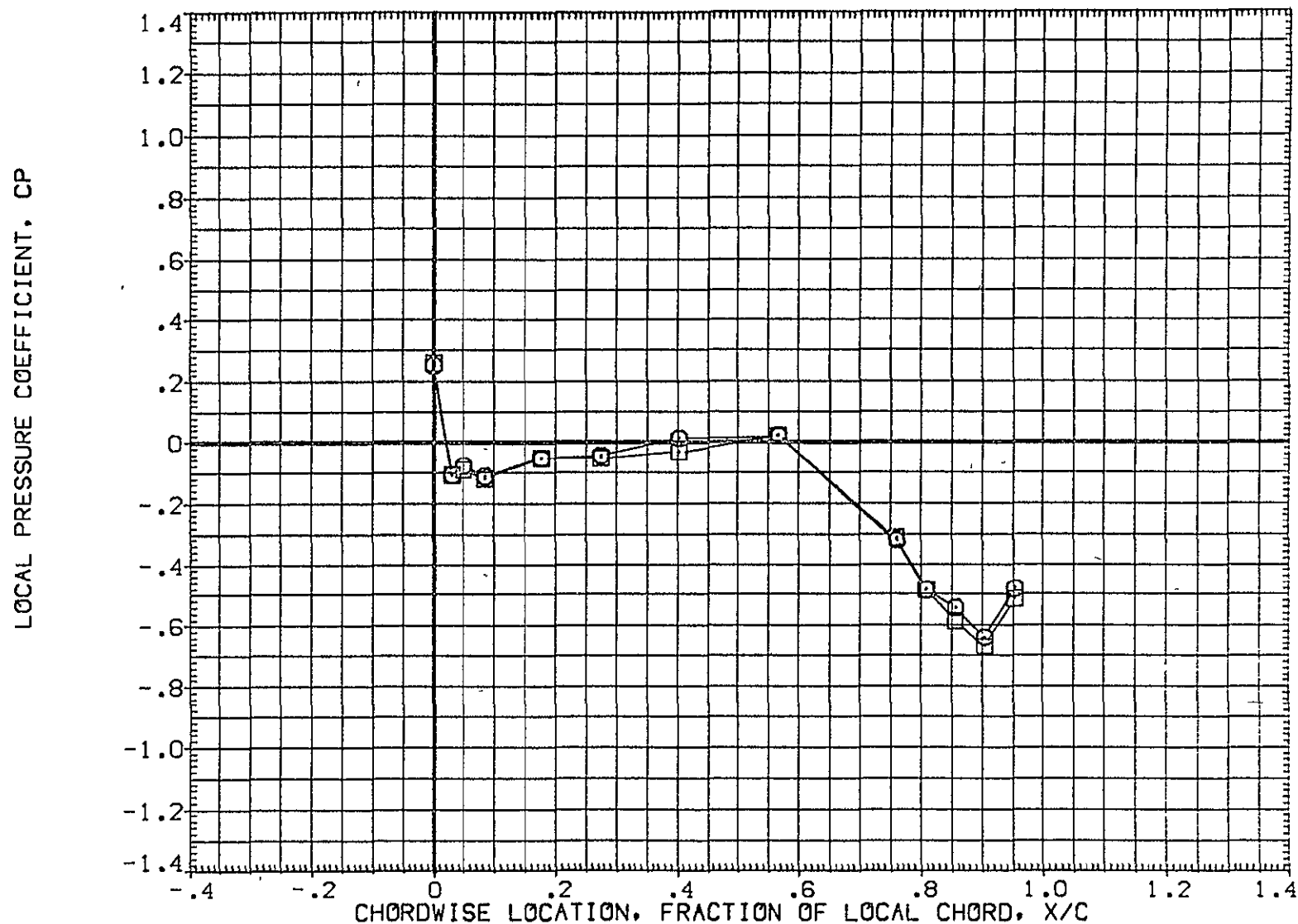


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436 PAGE 1405

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L68]	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

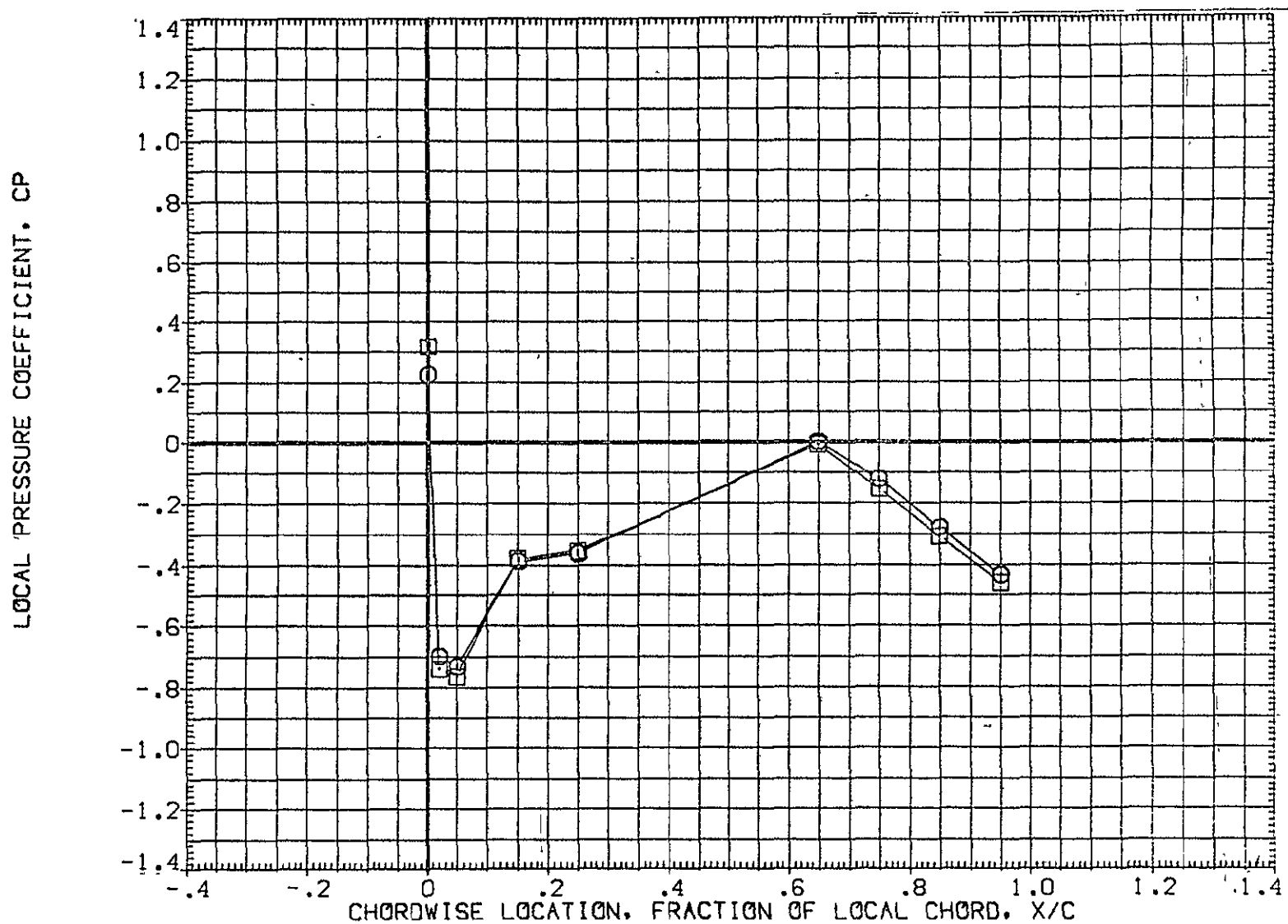


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L68}	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000



FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L68}	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

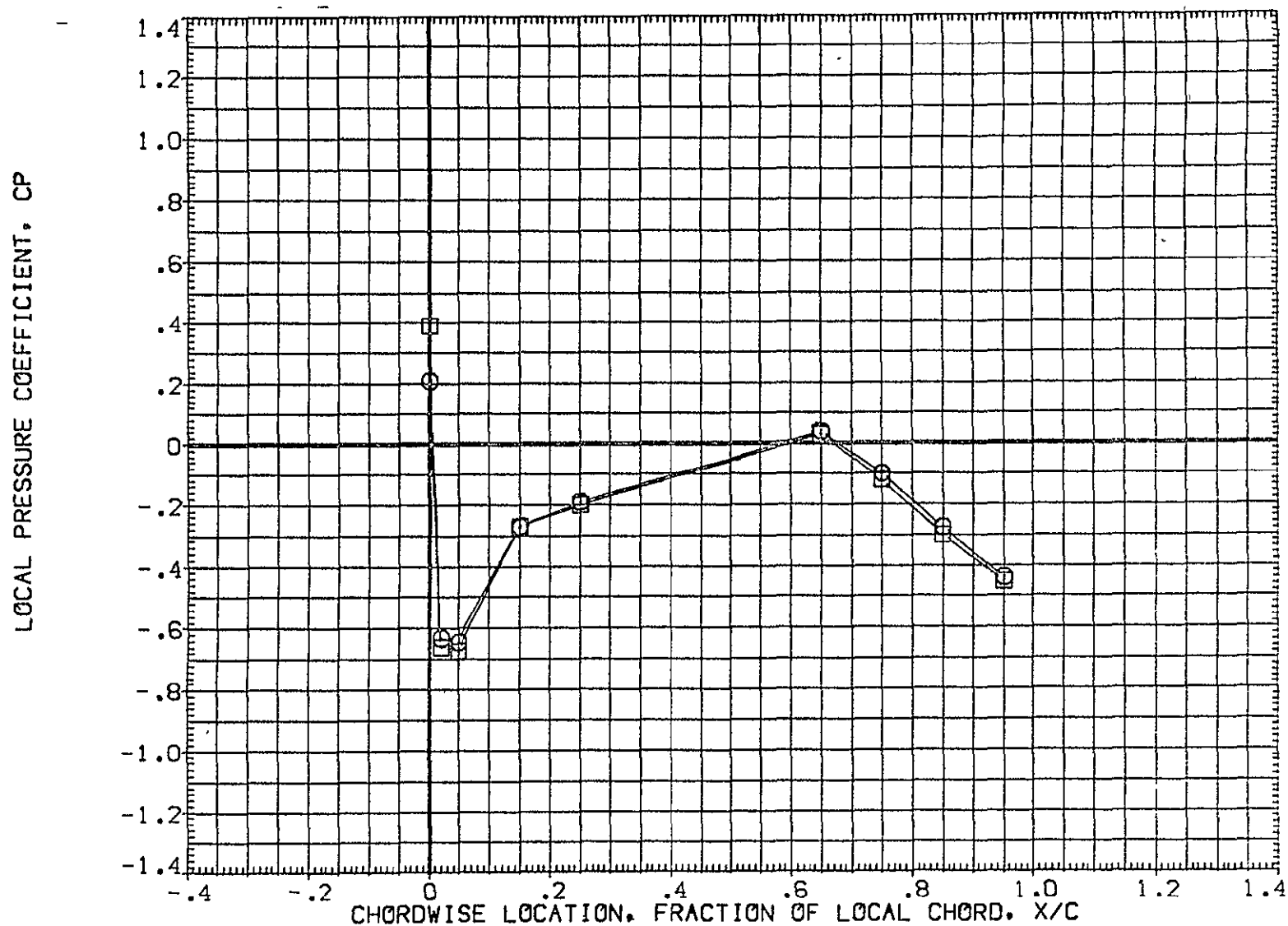


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L68}	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

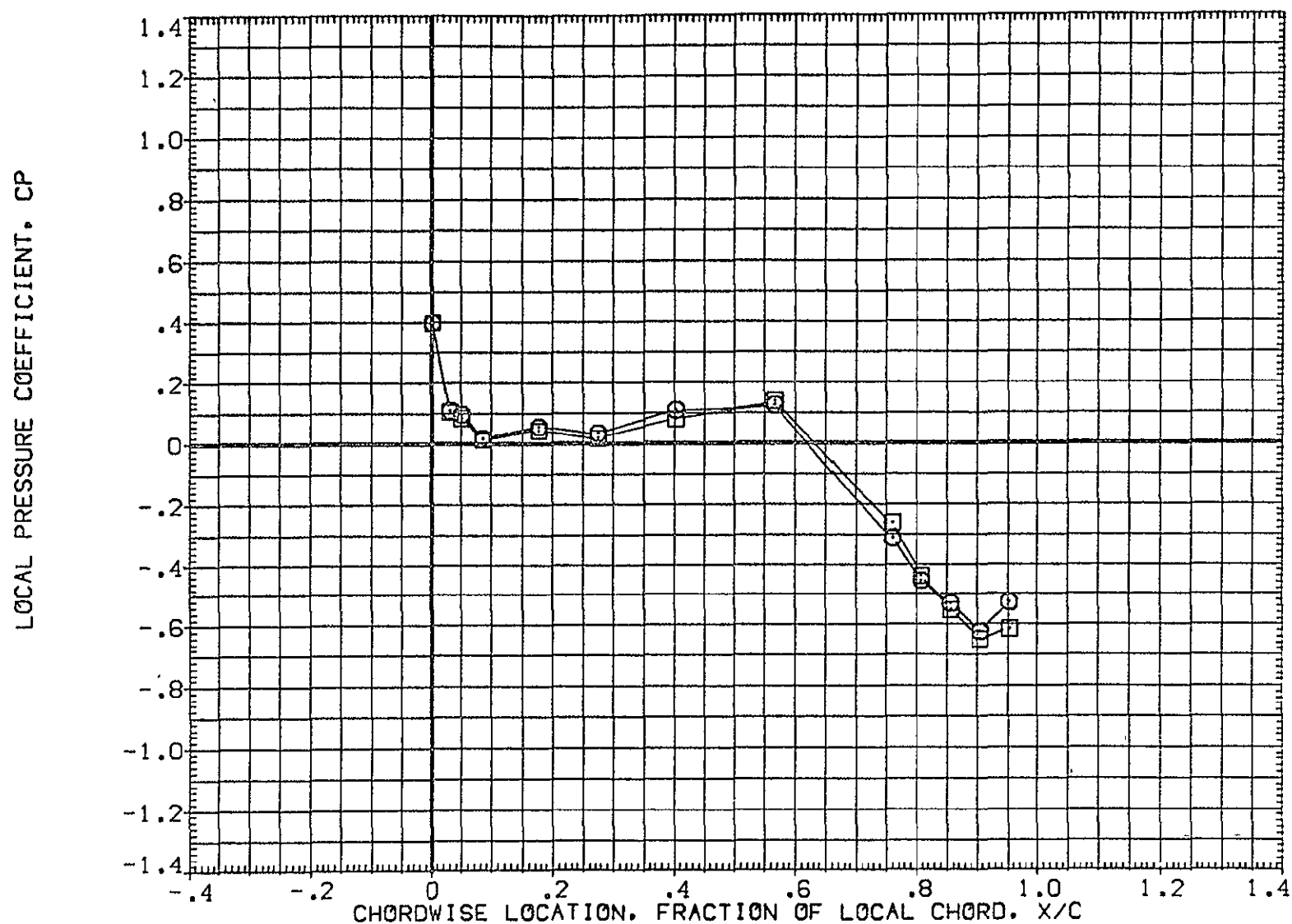


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L68]	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

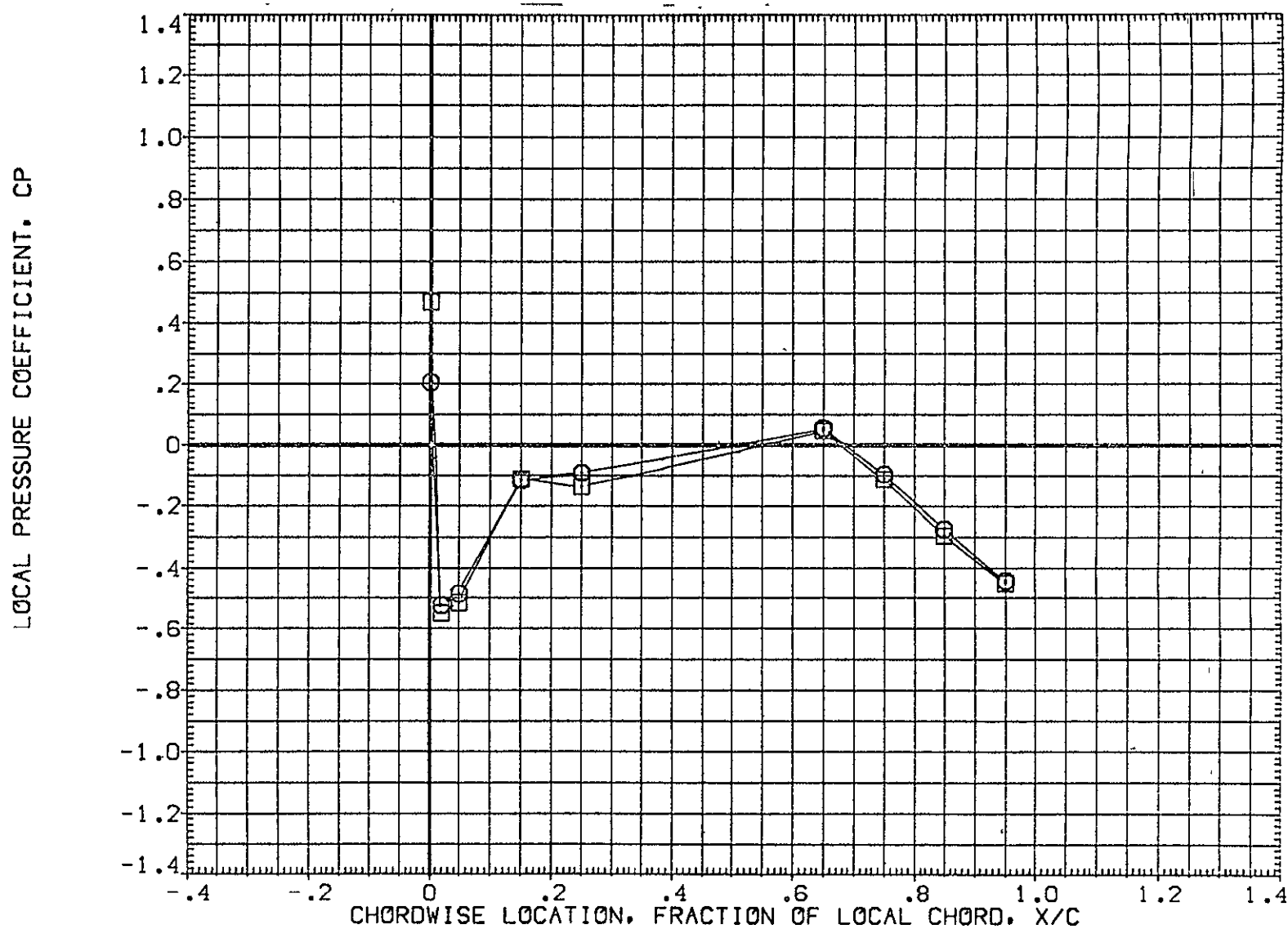


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

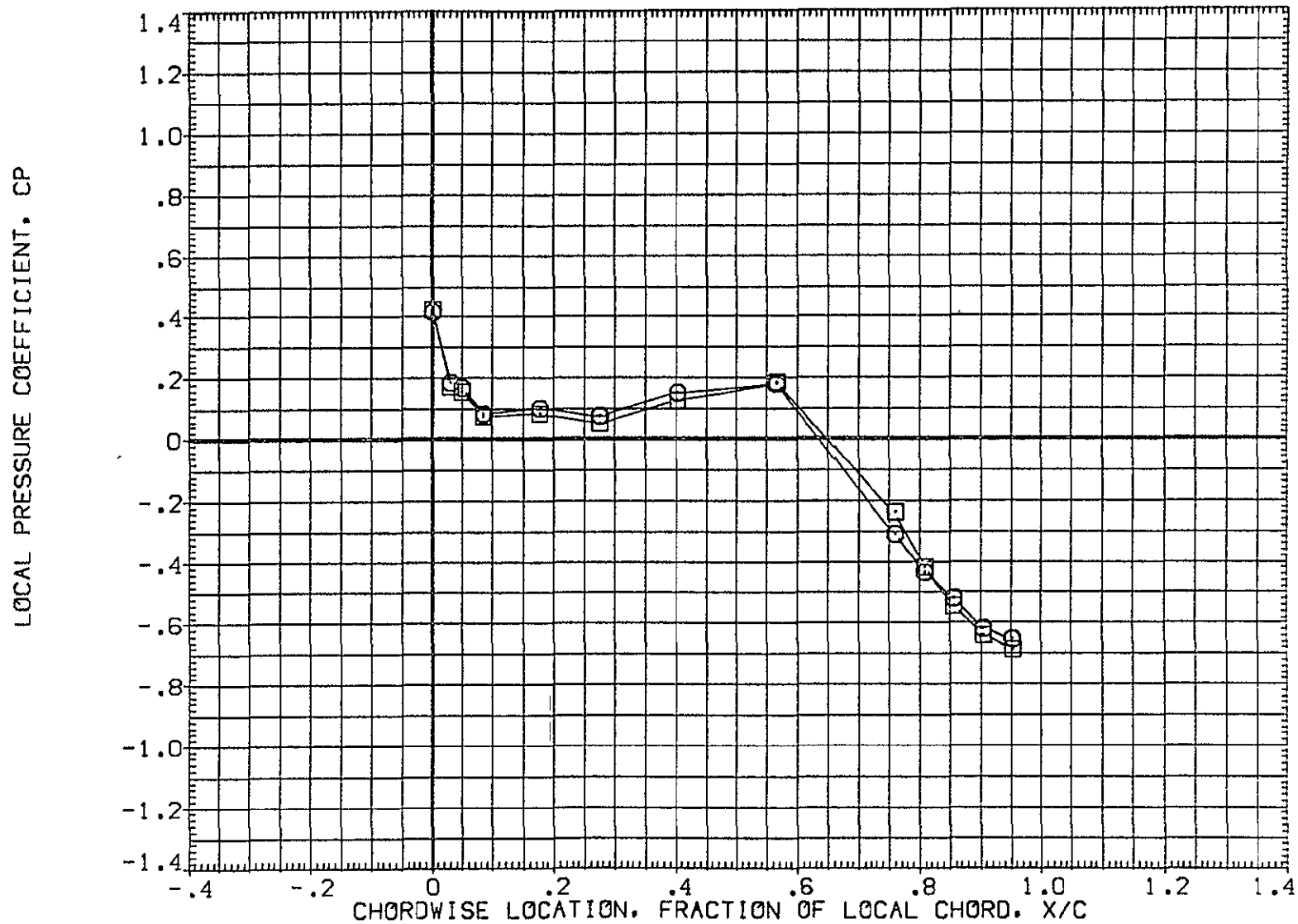


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

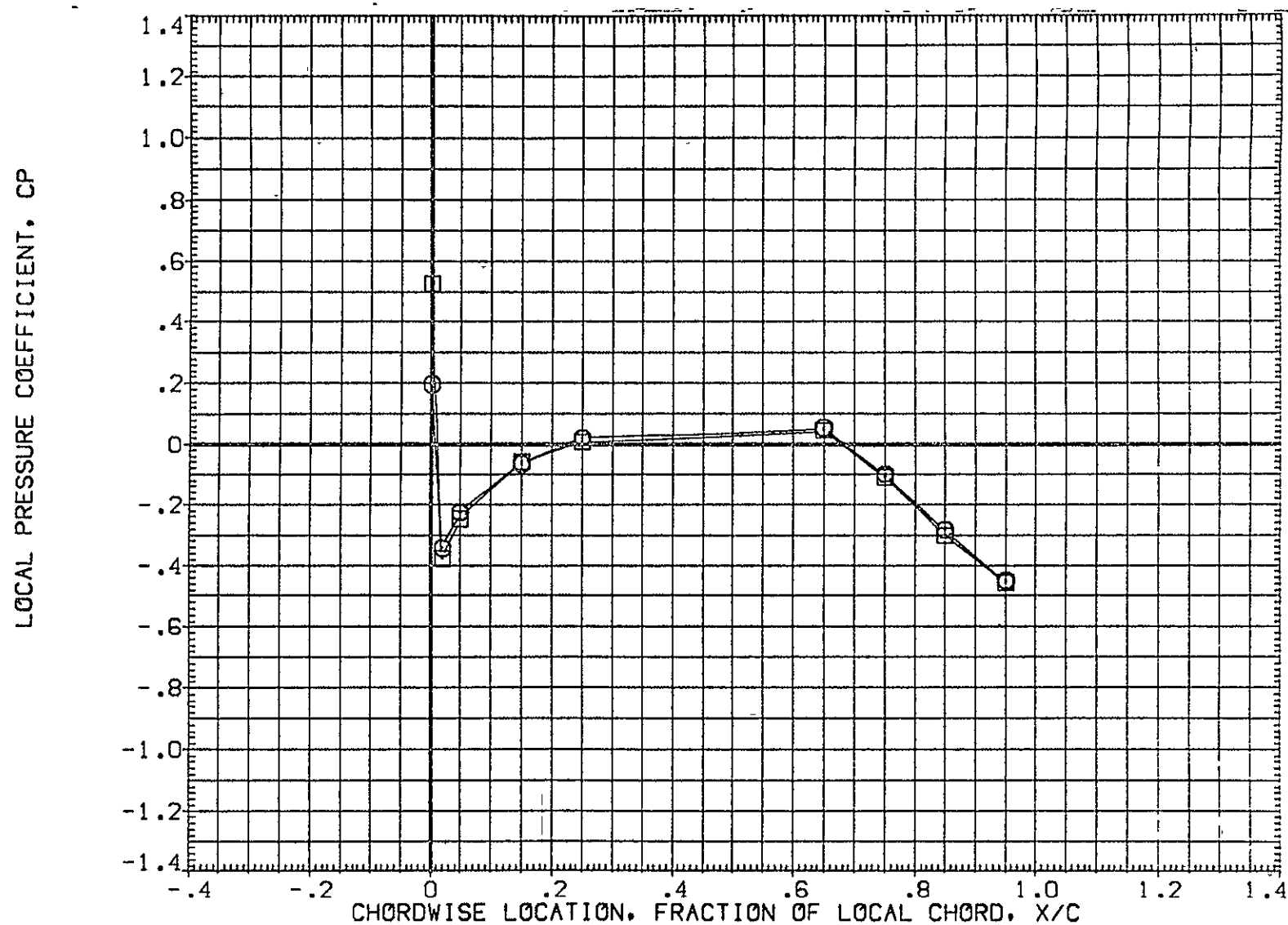


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7L45}	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
{AF7L68}	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

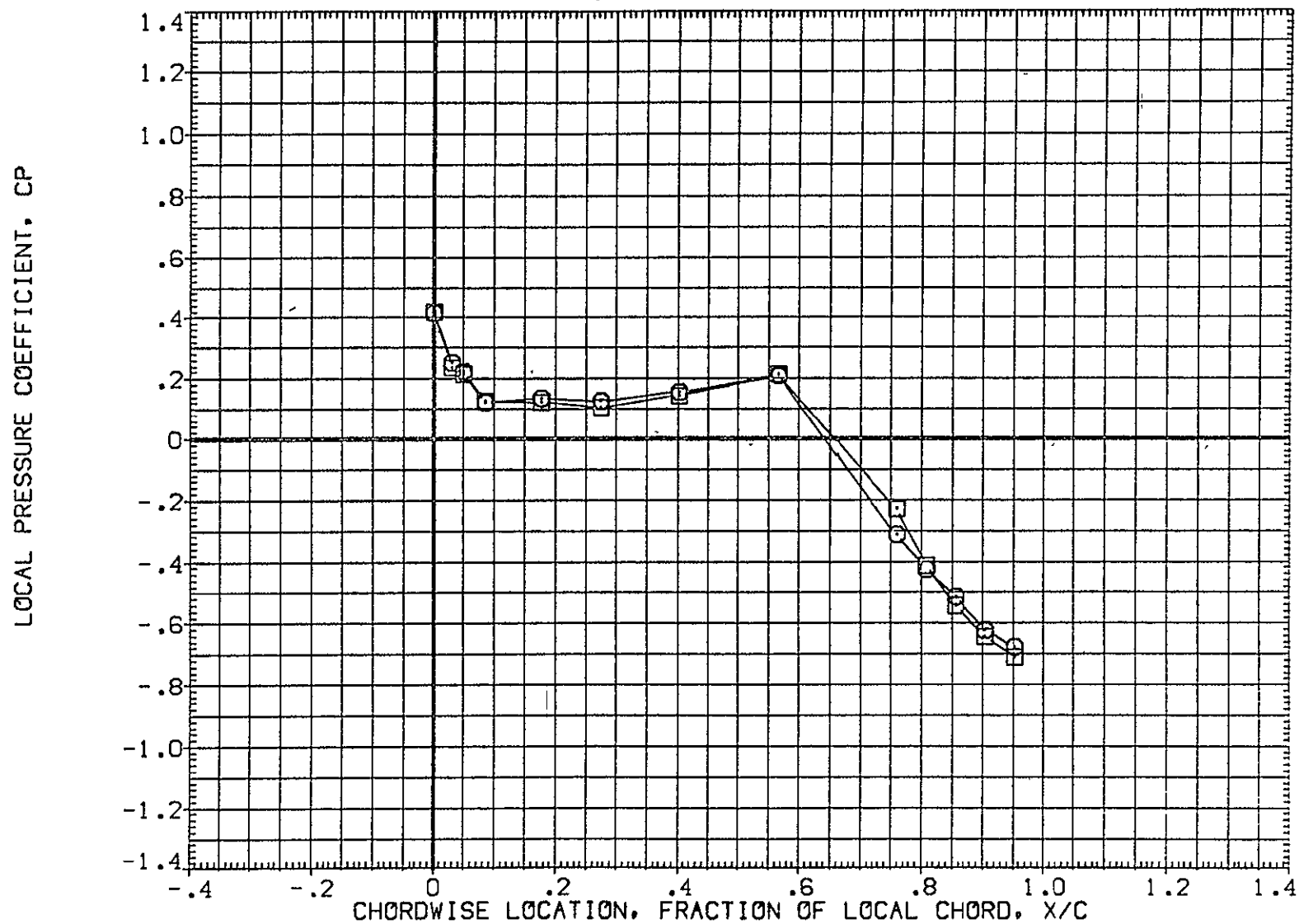


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

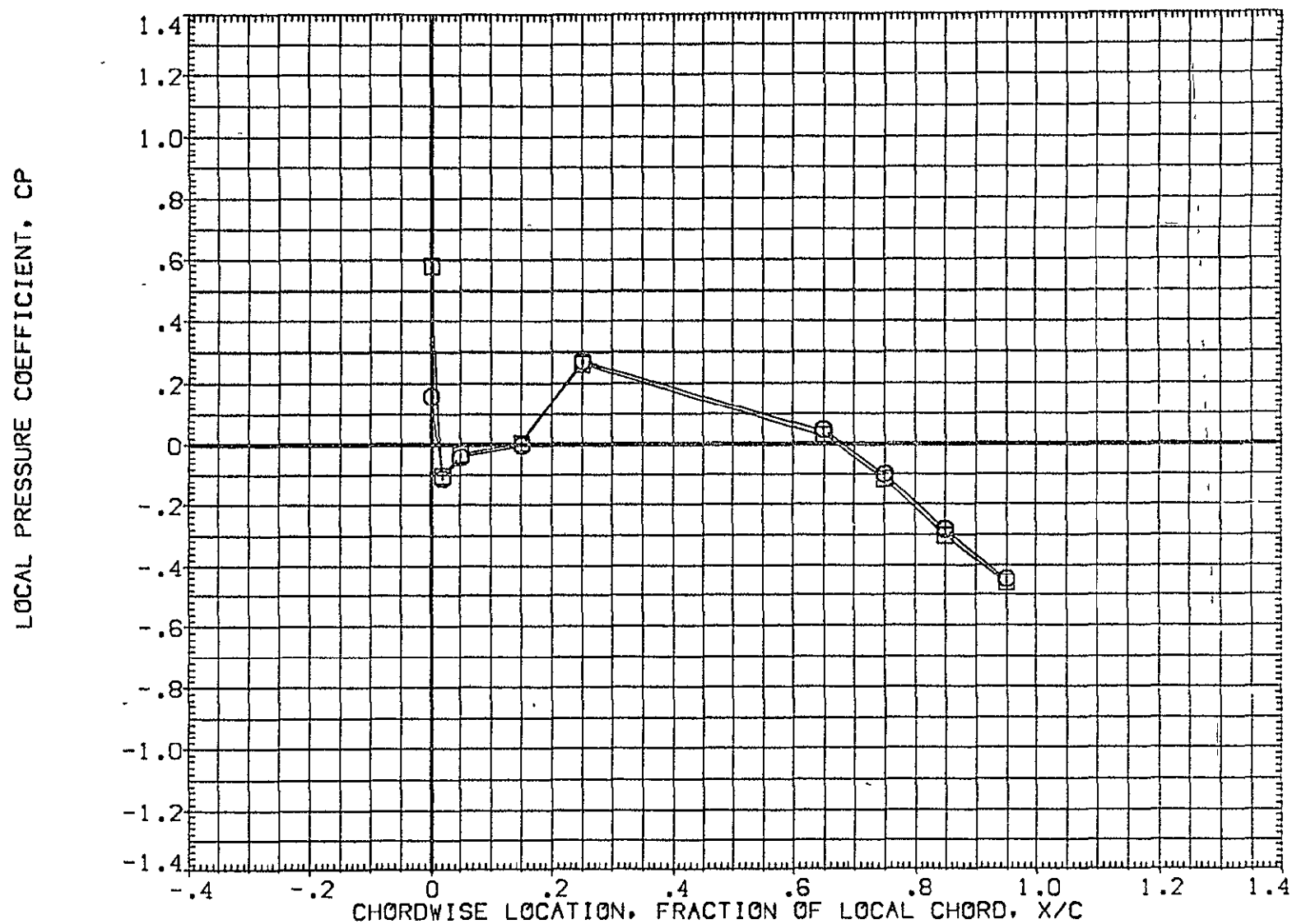


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	○	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	□	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

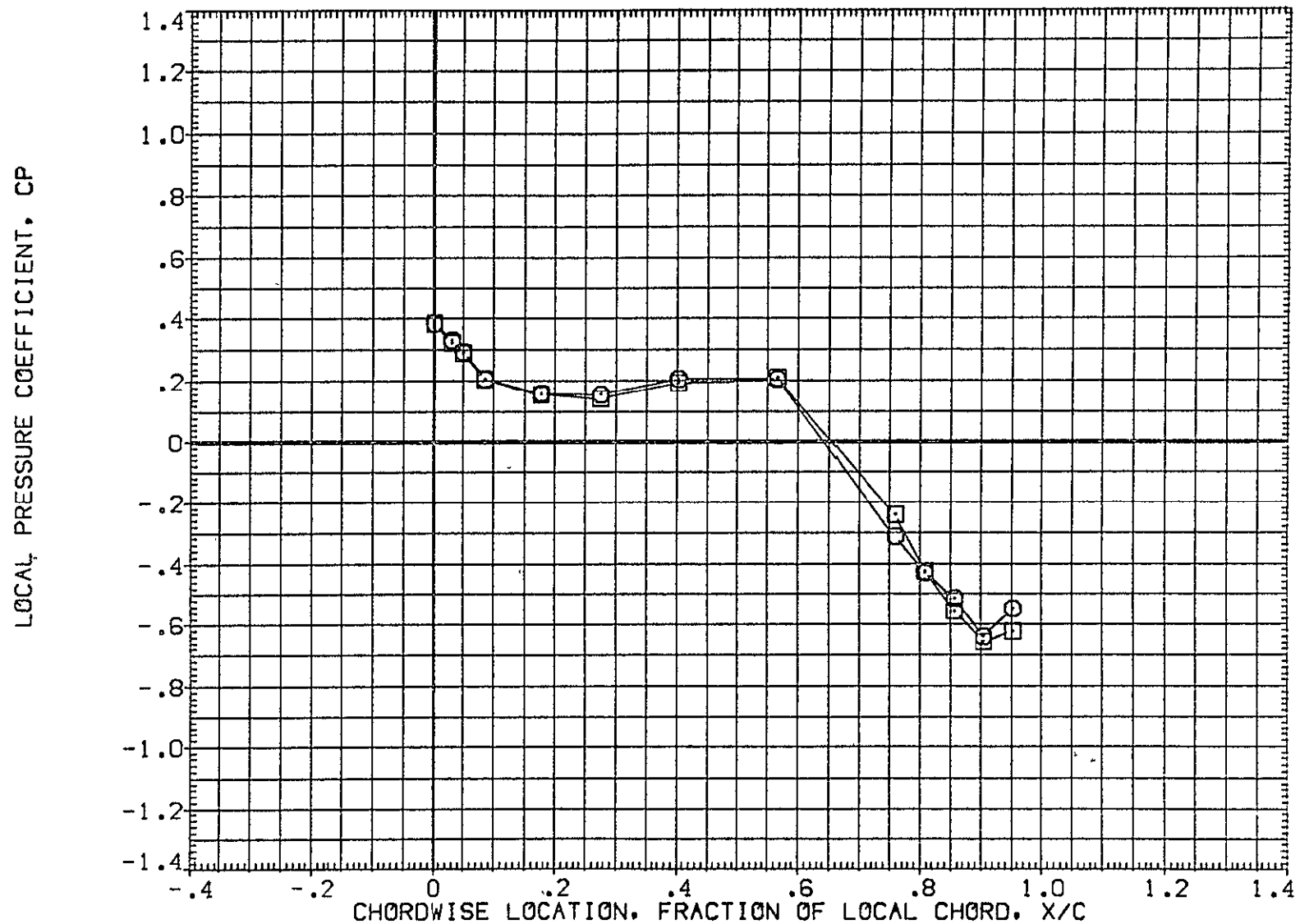


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

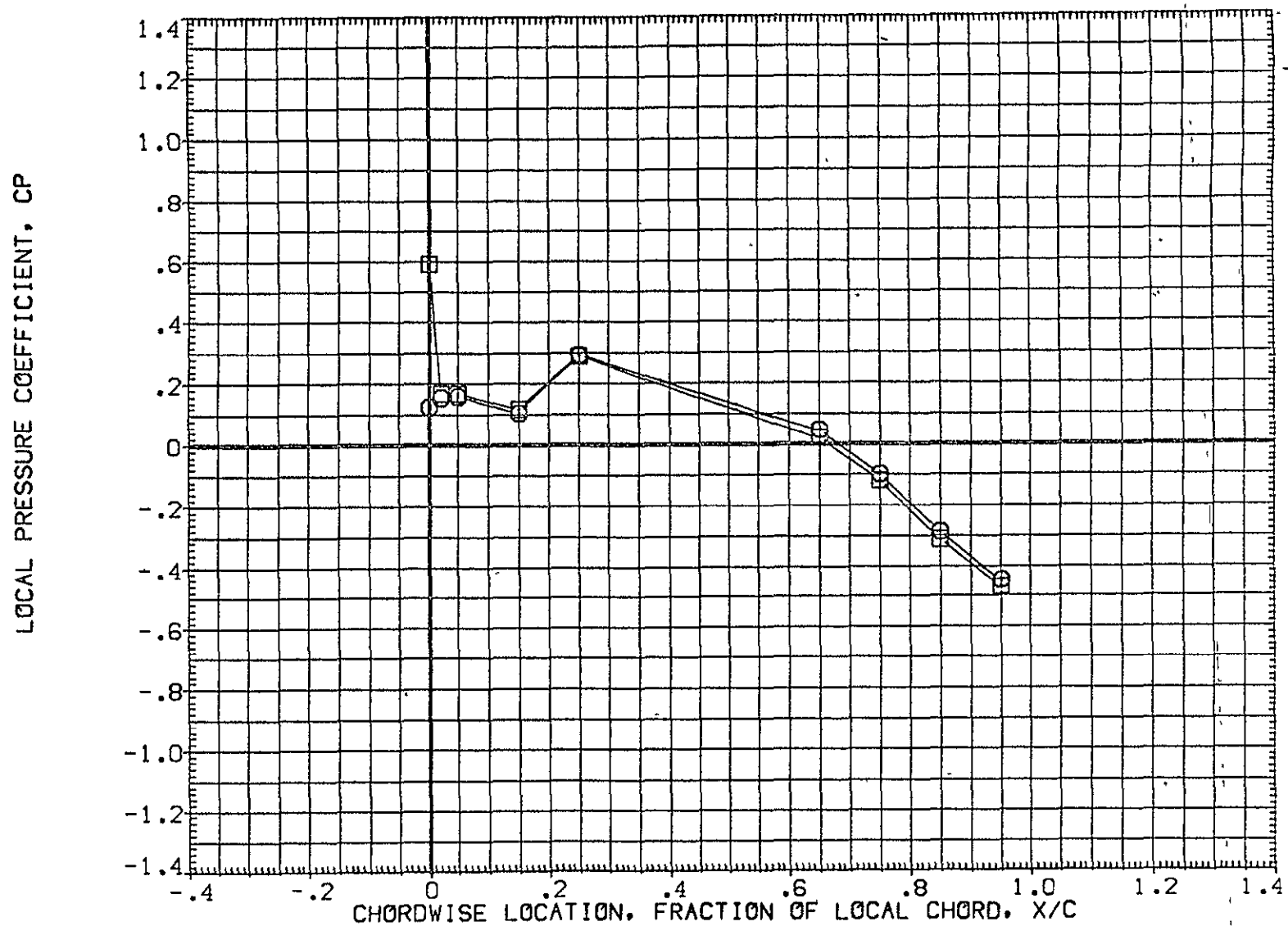


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 4.000 2Y/B = .771 PAGE 1416

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L68]	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

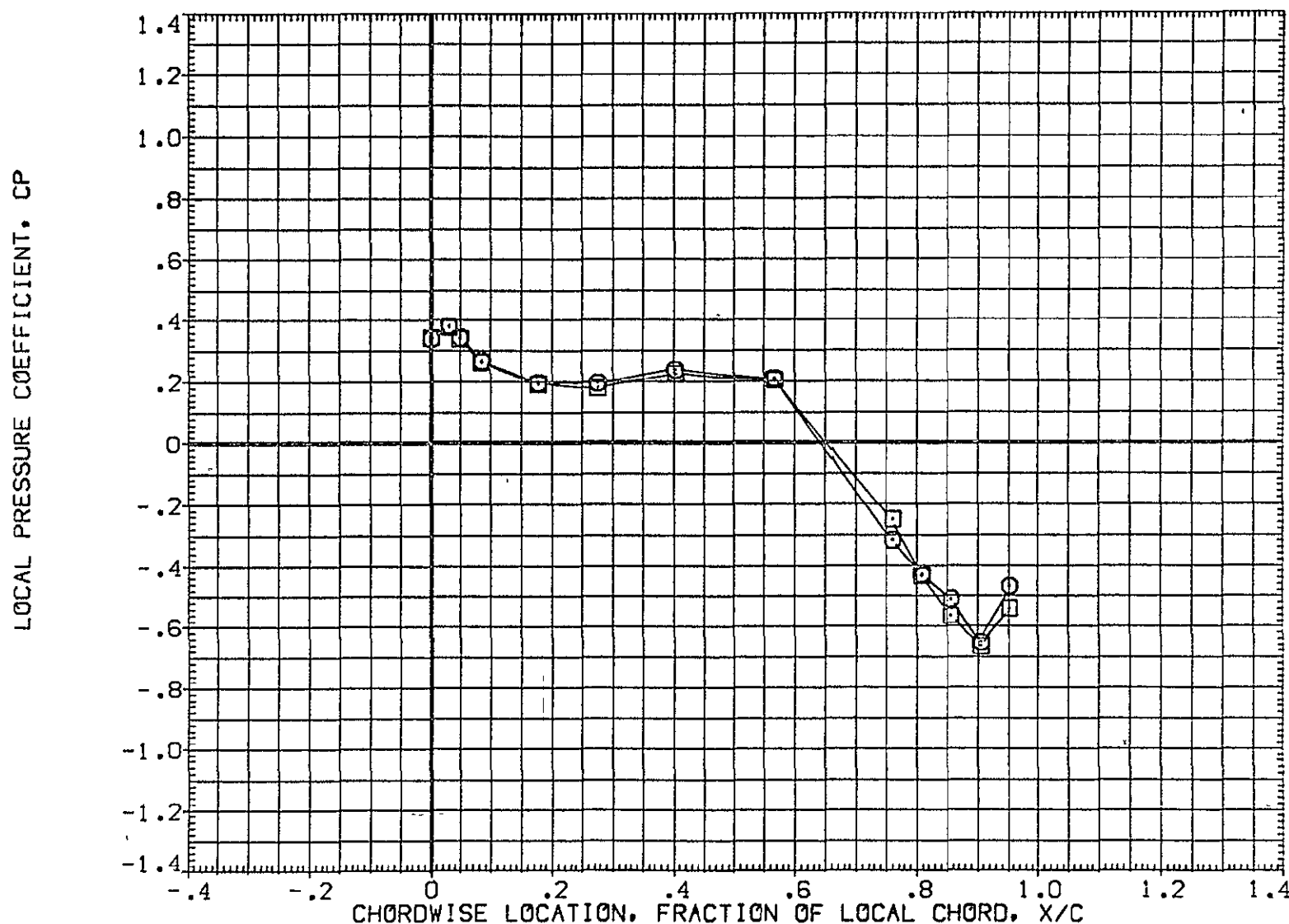


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

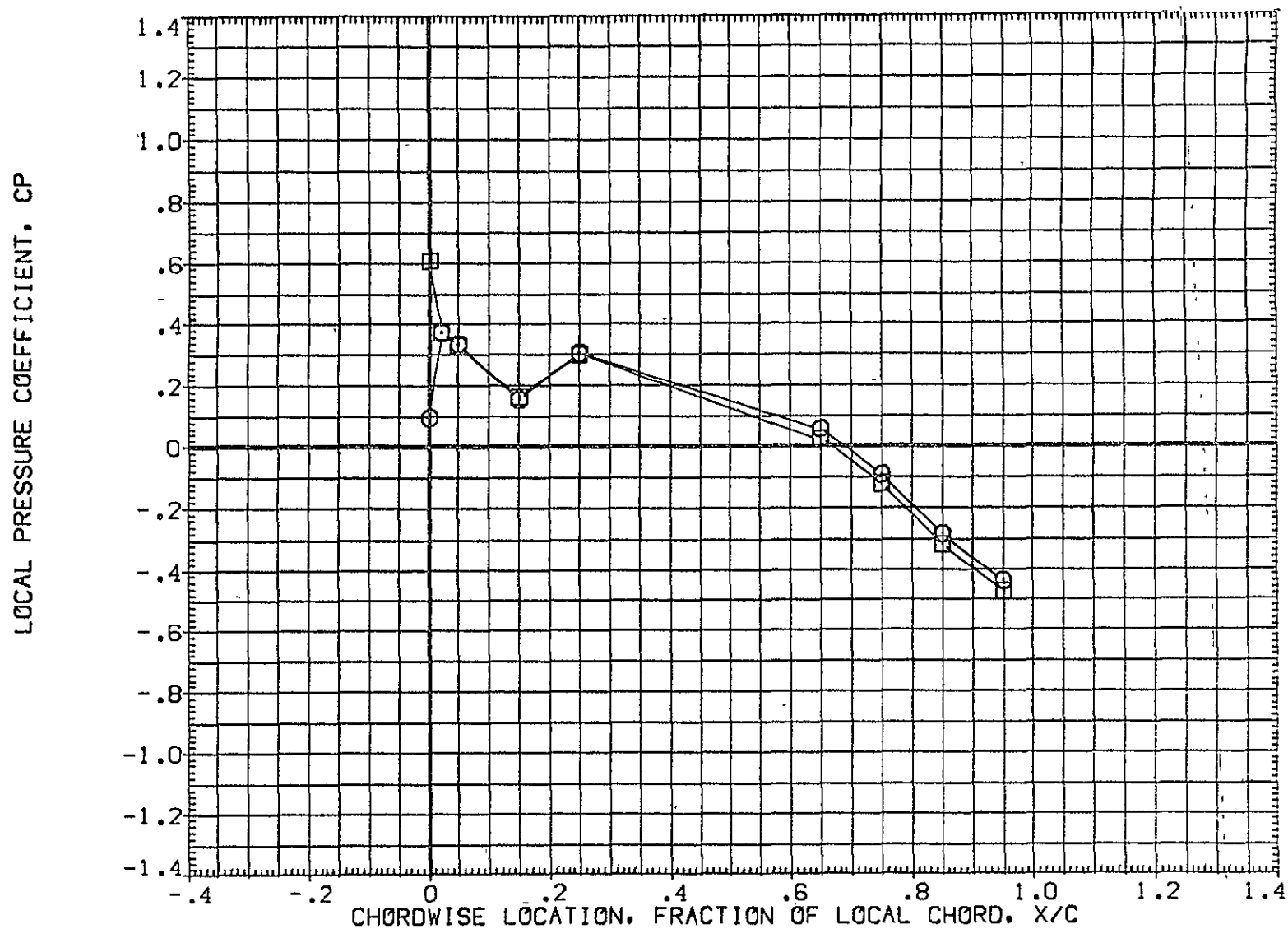


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7L45)	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
(AF7L68)	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

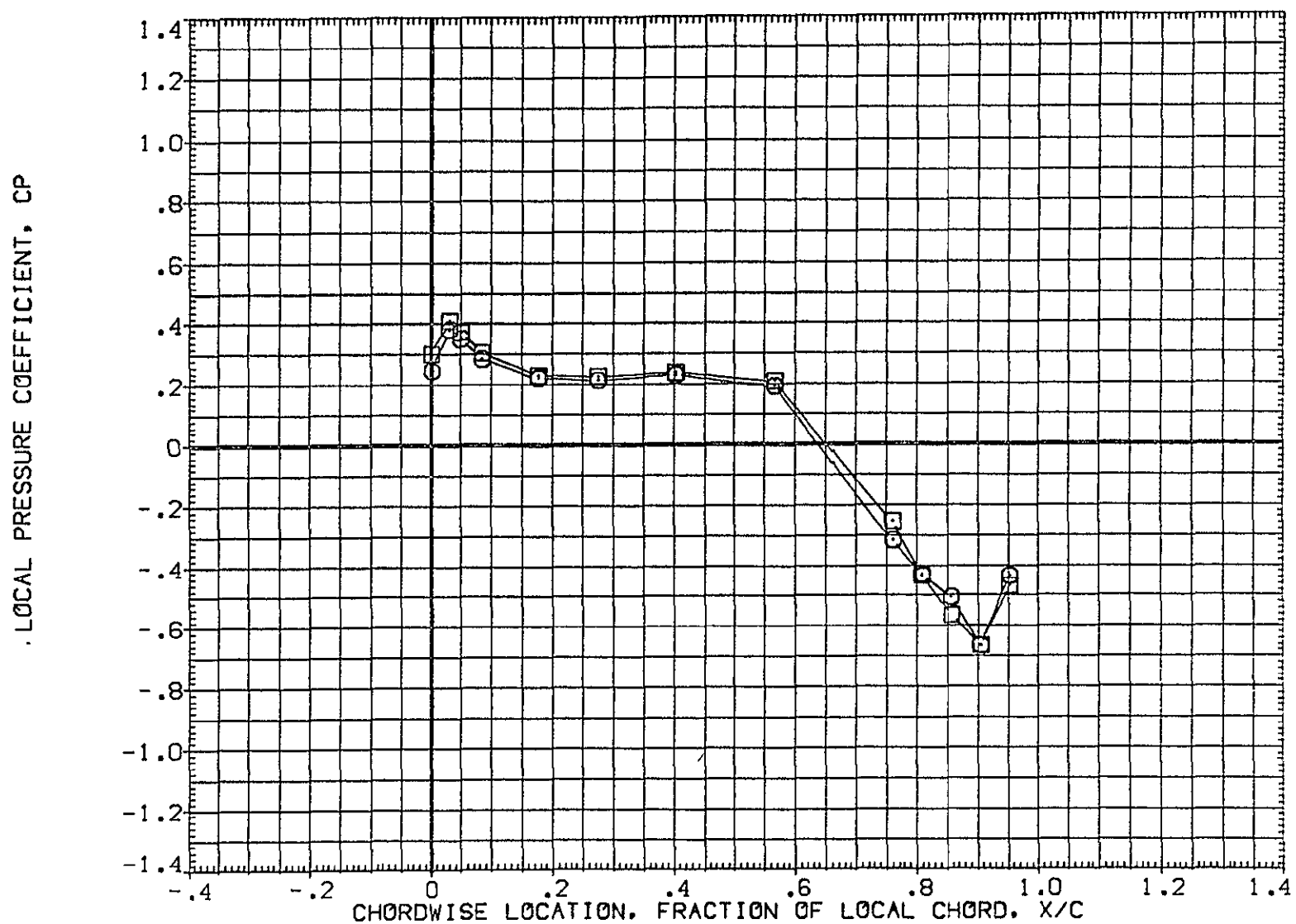


FIG 32 - EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7L45]	1A70 01 T12 S1 P2 P8 WING LOWER SURFACE	.000	.000	.000	.000
[AF7L68]	1A70 01 T12 S1 P2 P10 WING LOWER SURFACE	.000	.000	.000	.000

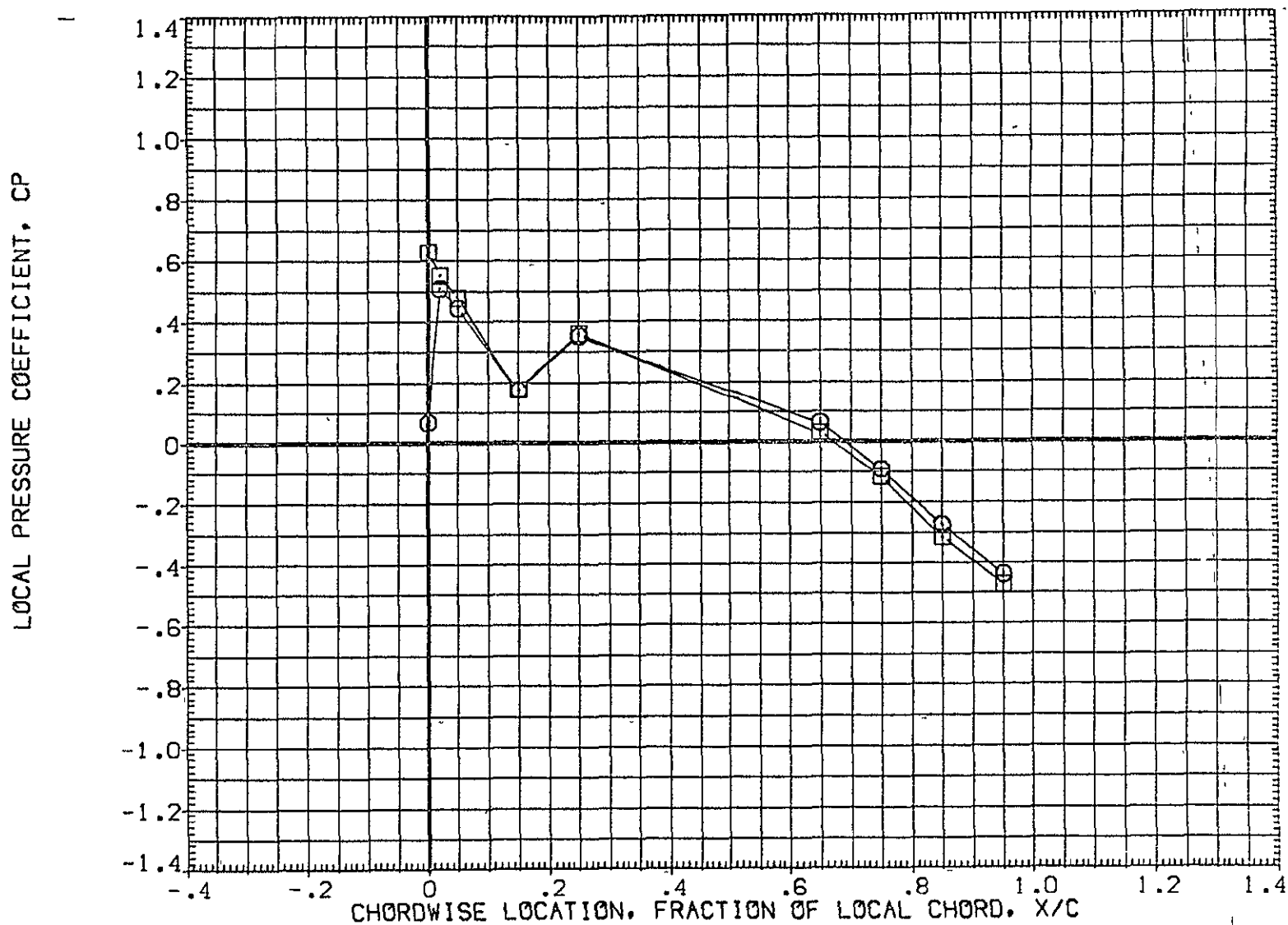


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7068]	IA70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

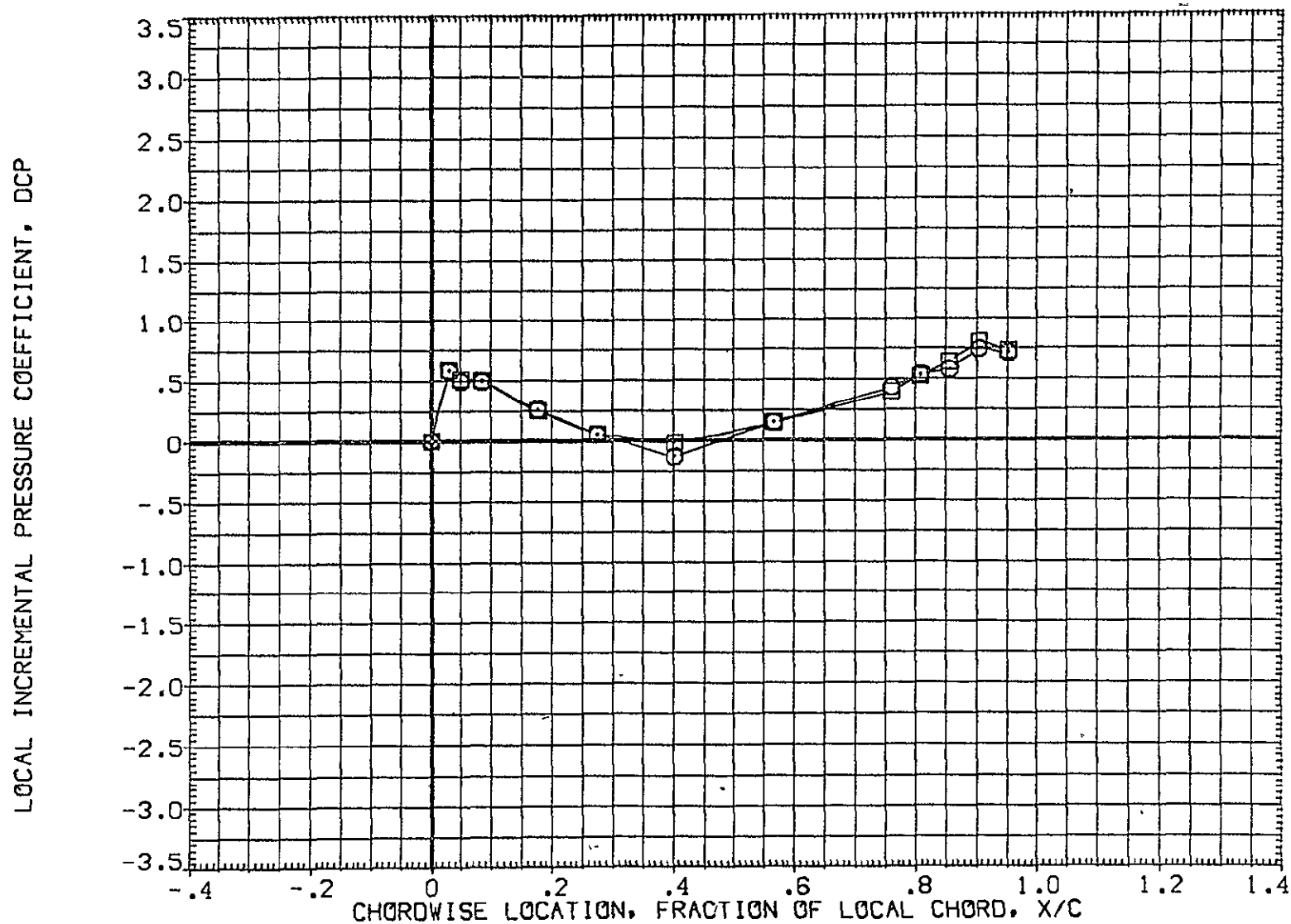


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7068)	IA70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

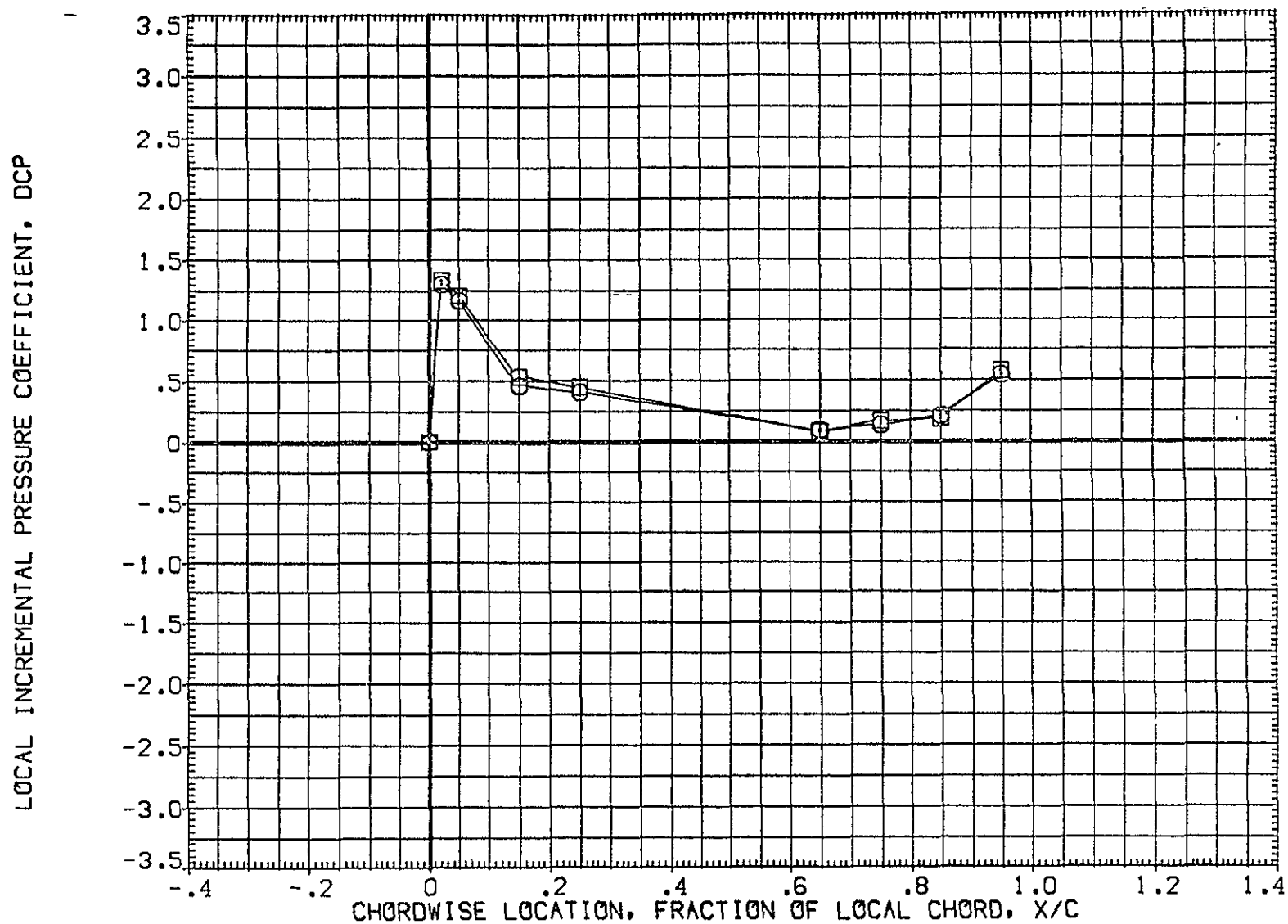


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -8.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7068]	IA70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

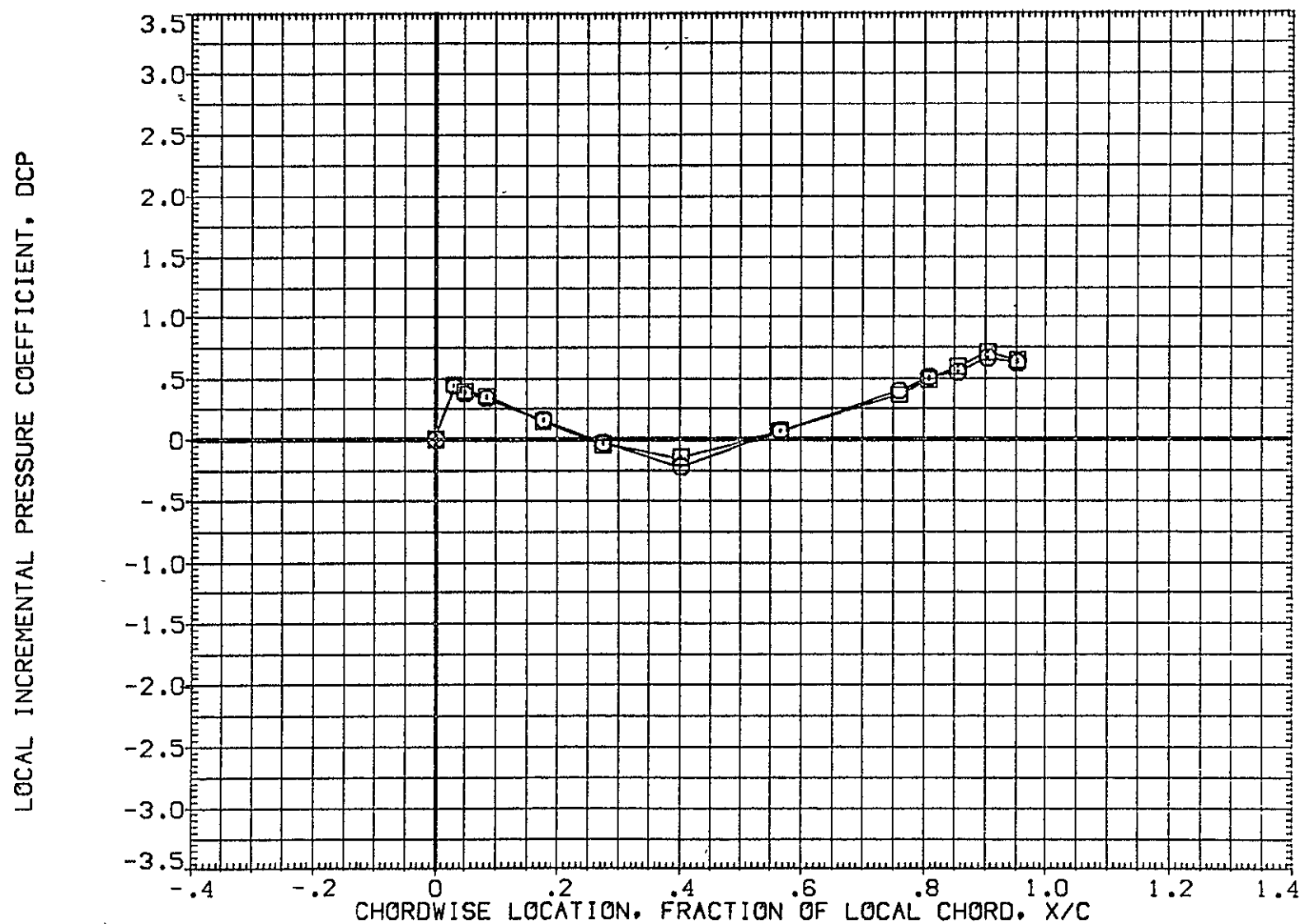


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7068}	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

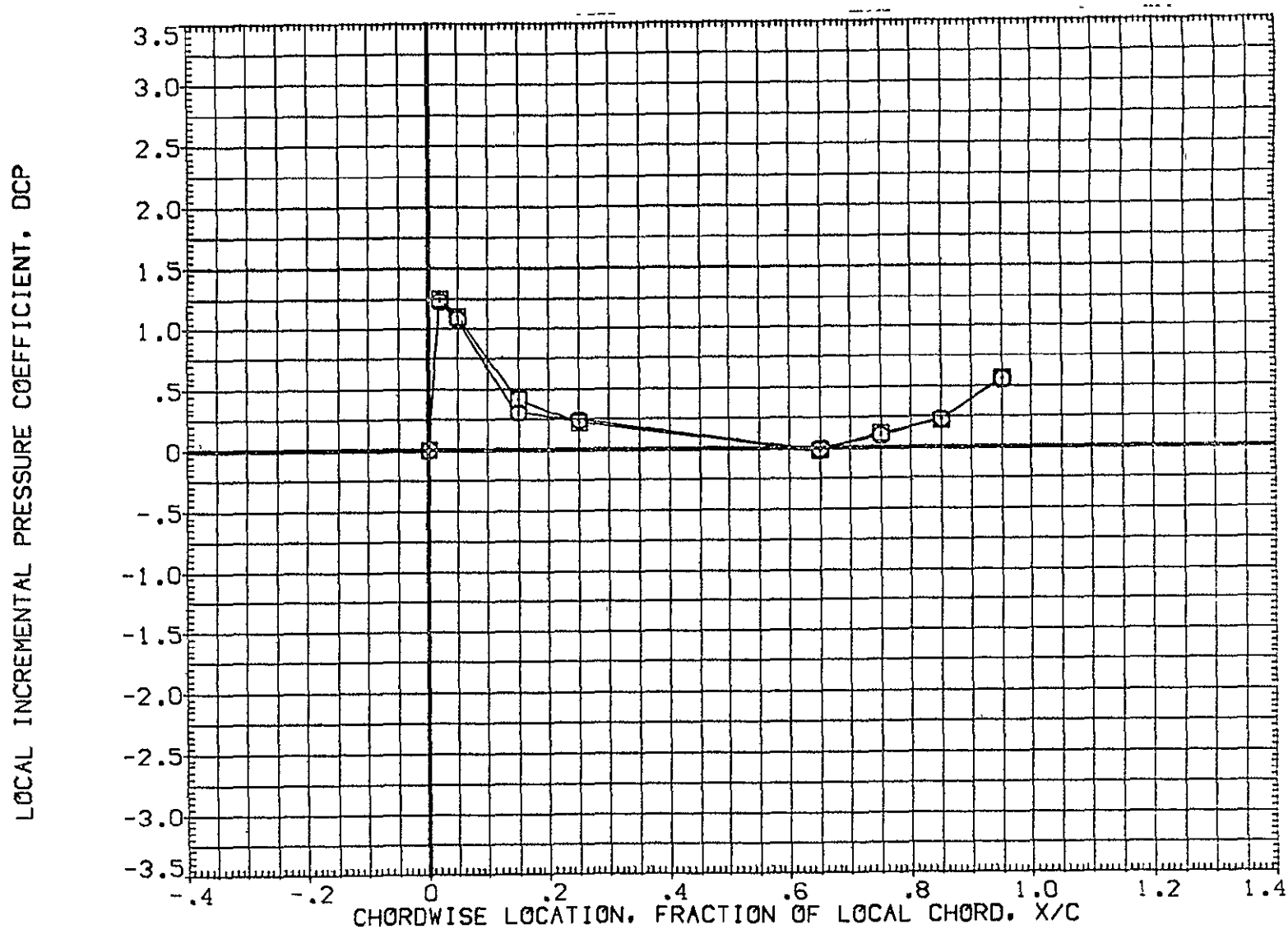


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -6.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7068)	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

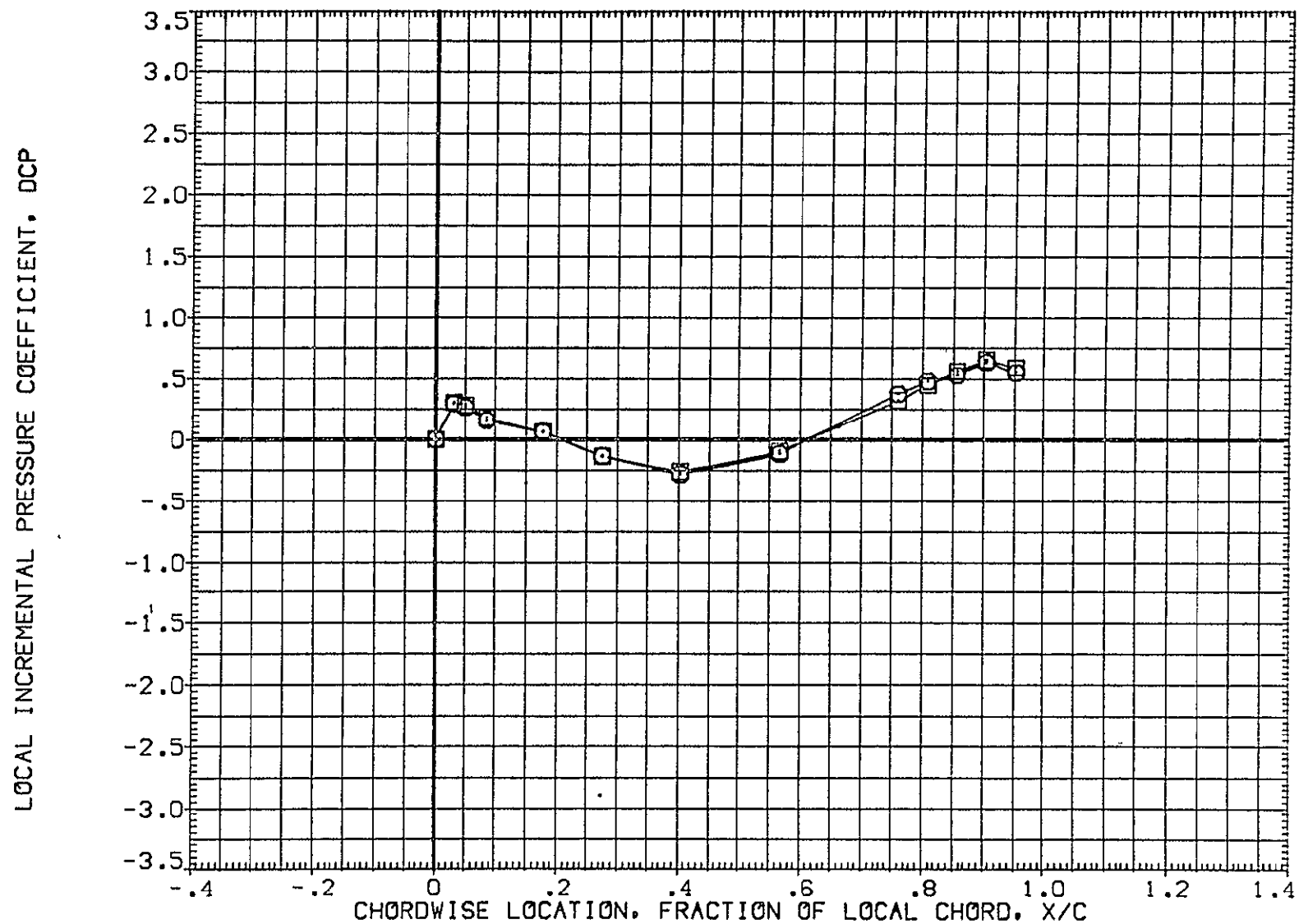


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .436 PAGE 1425

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7068)	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

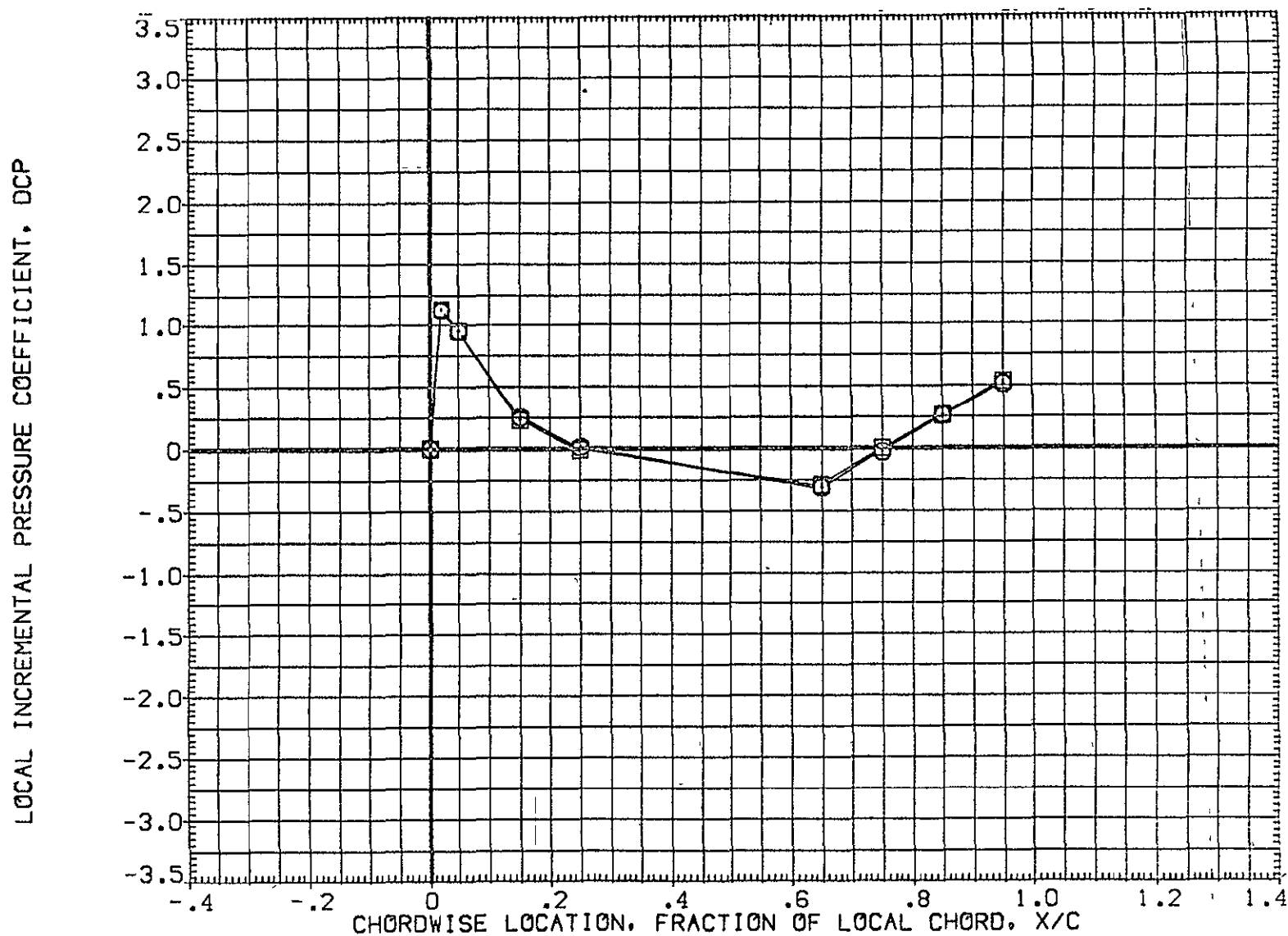


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -4.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7068)	IA70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

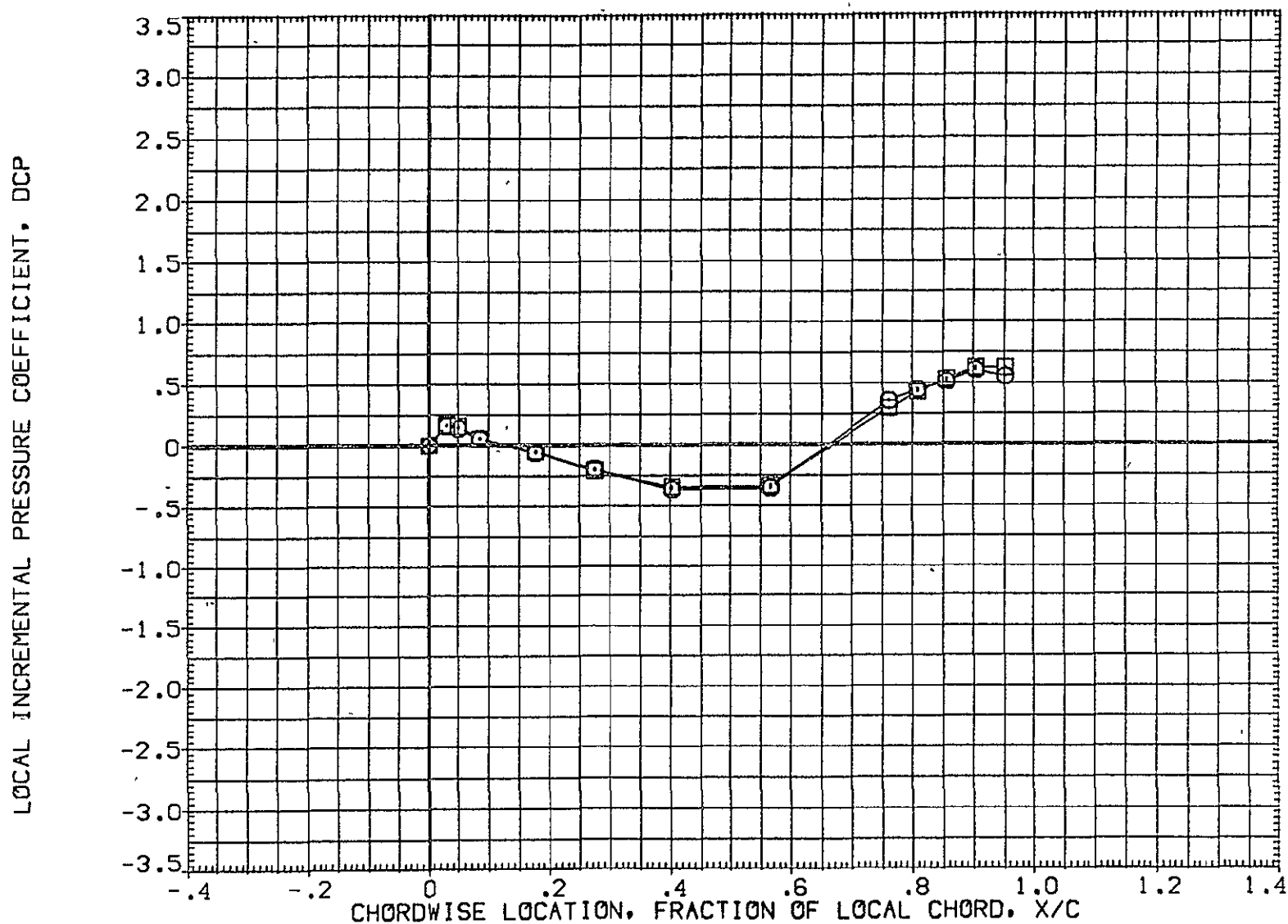


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7068)	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

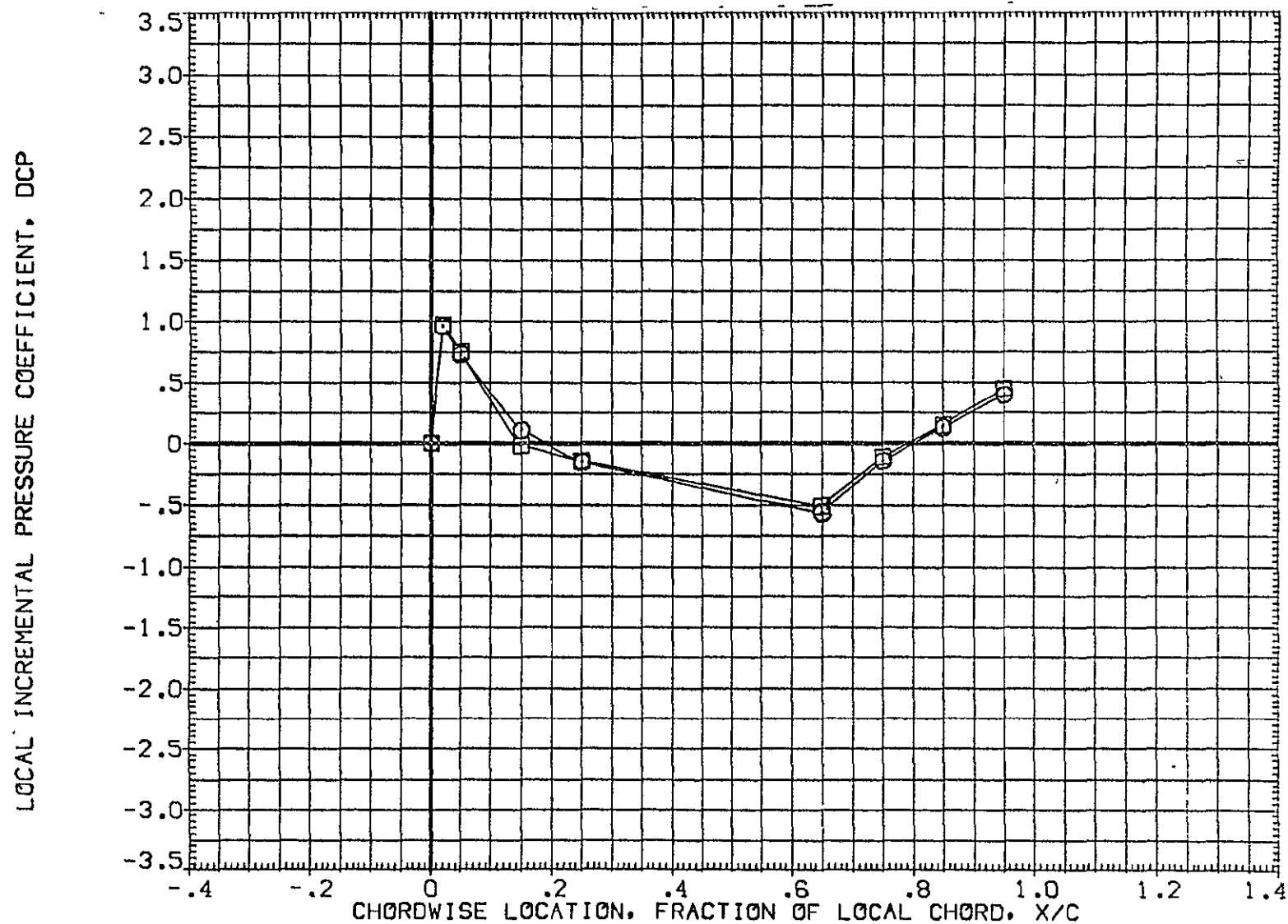


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = -2.000 2Y/B = .771

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7068}	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

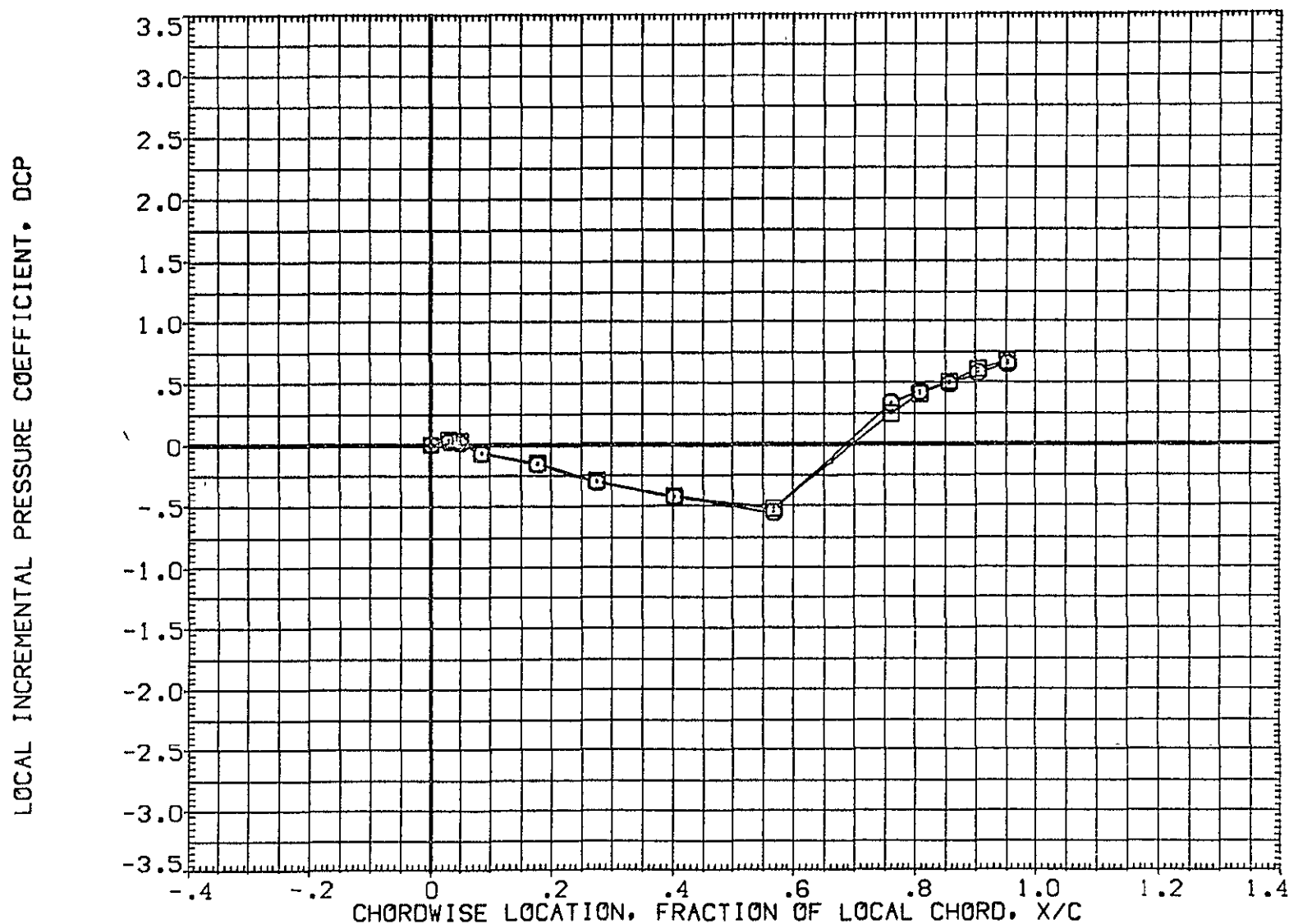


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
{AF7045}	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
{AF7068}	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

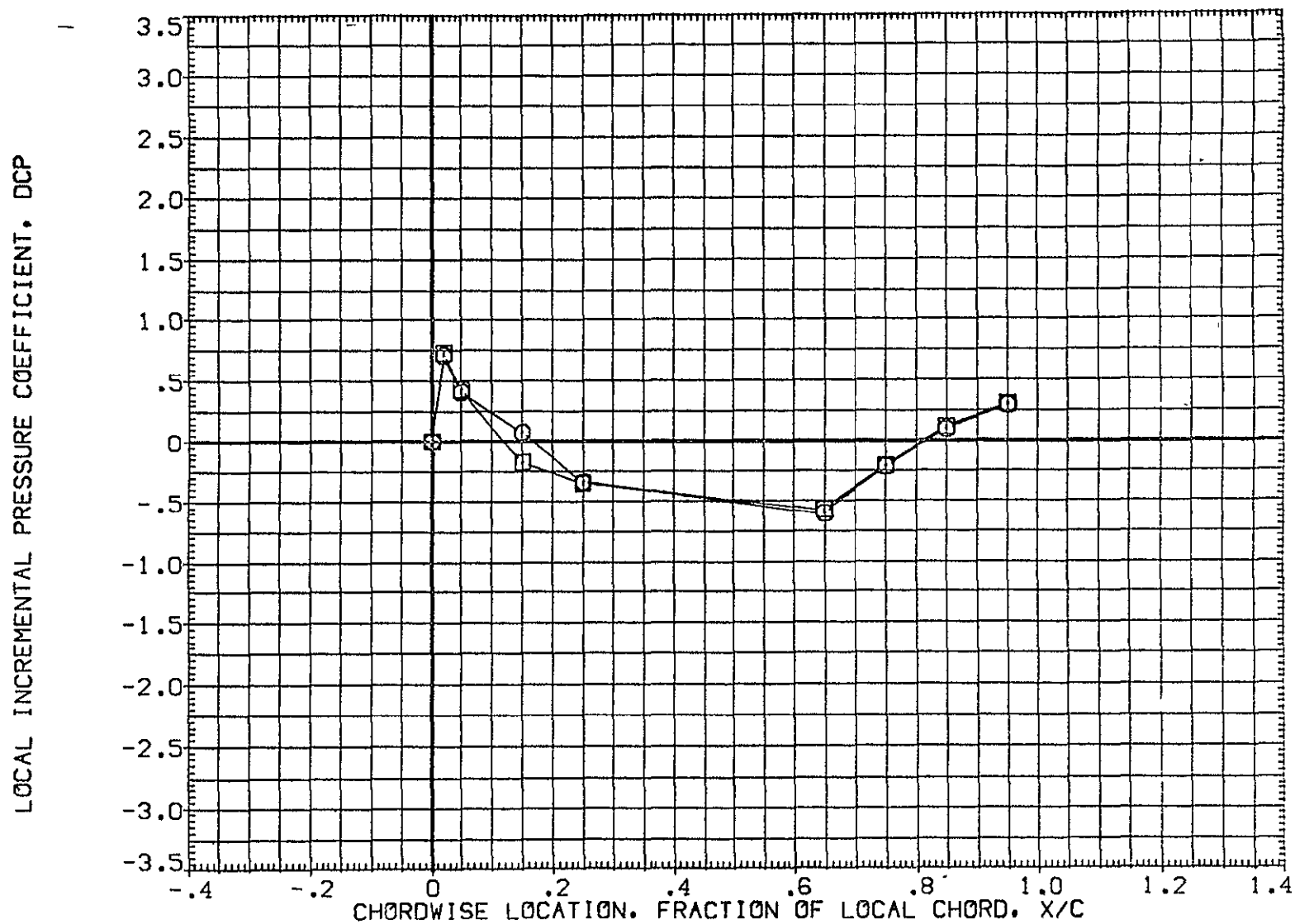


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = .000 2Y/B = .771

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7068)	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

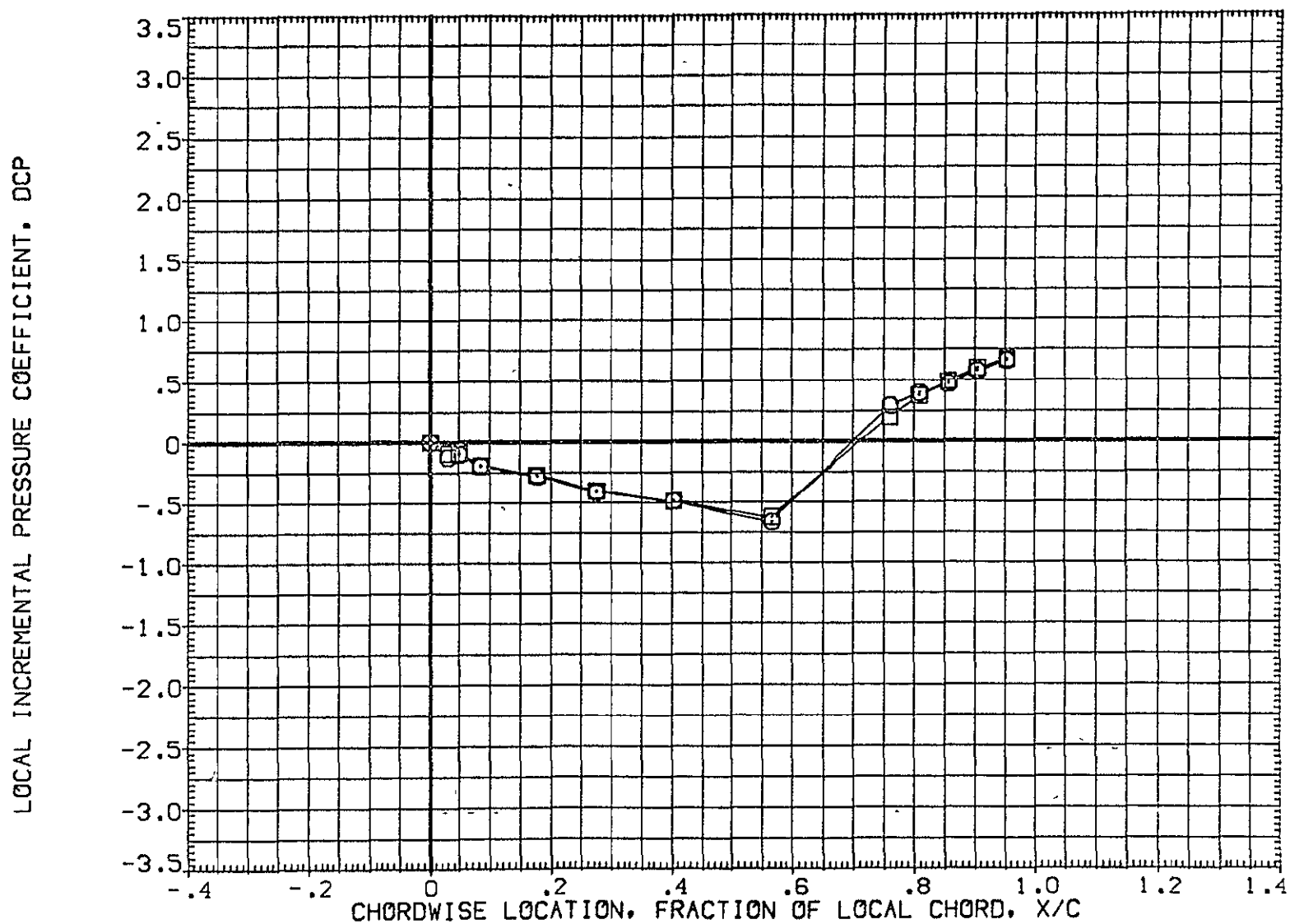


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .436



DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045] ○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7068] □	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

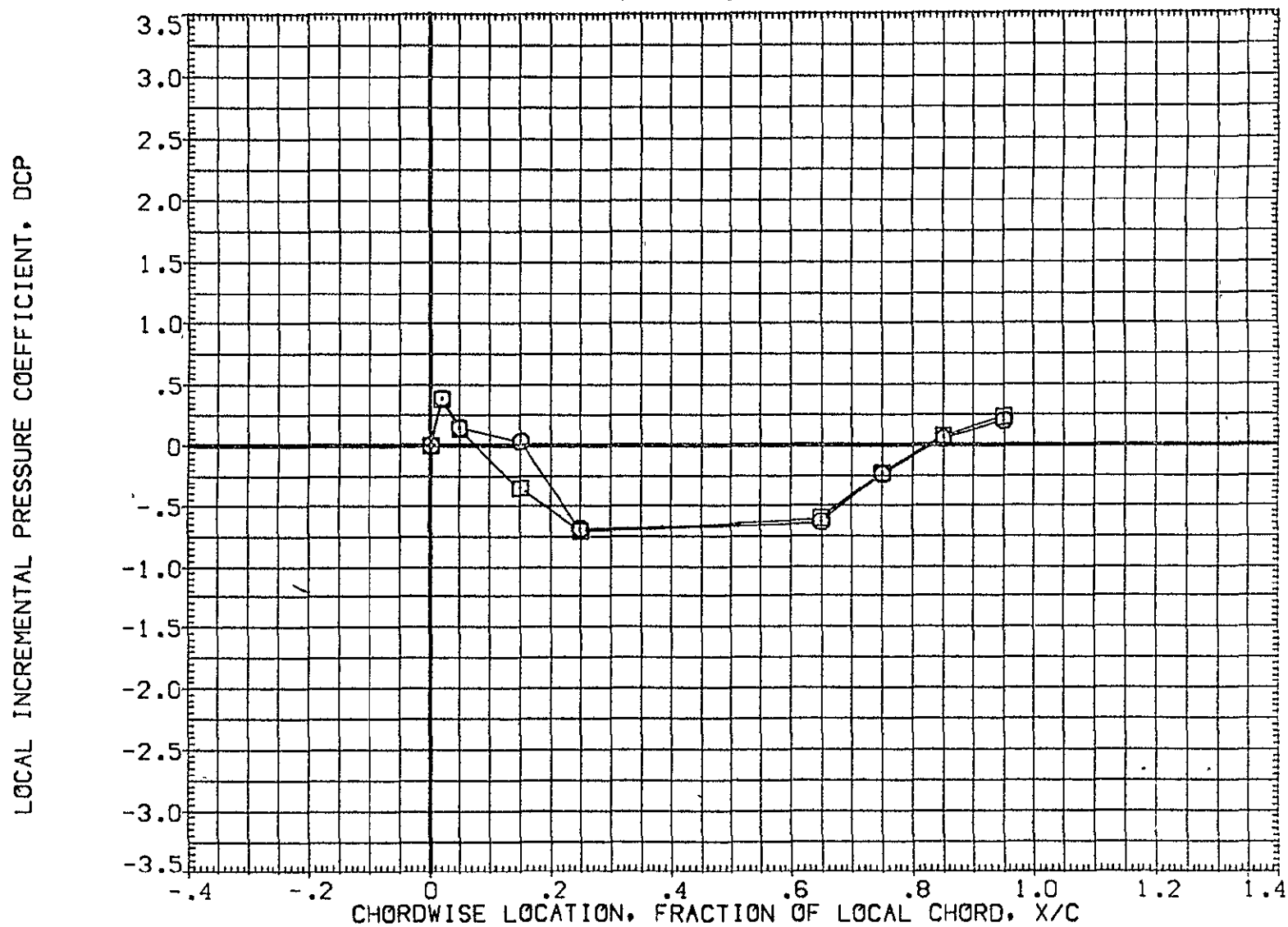


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 2.000 2Y/B = .771

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DATA SET	SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045]	○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7068]	□	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

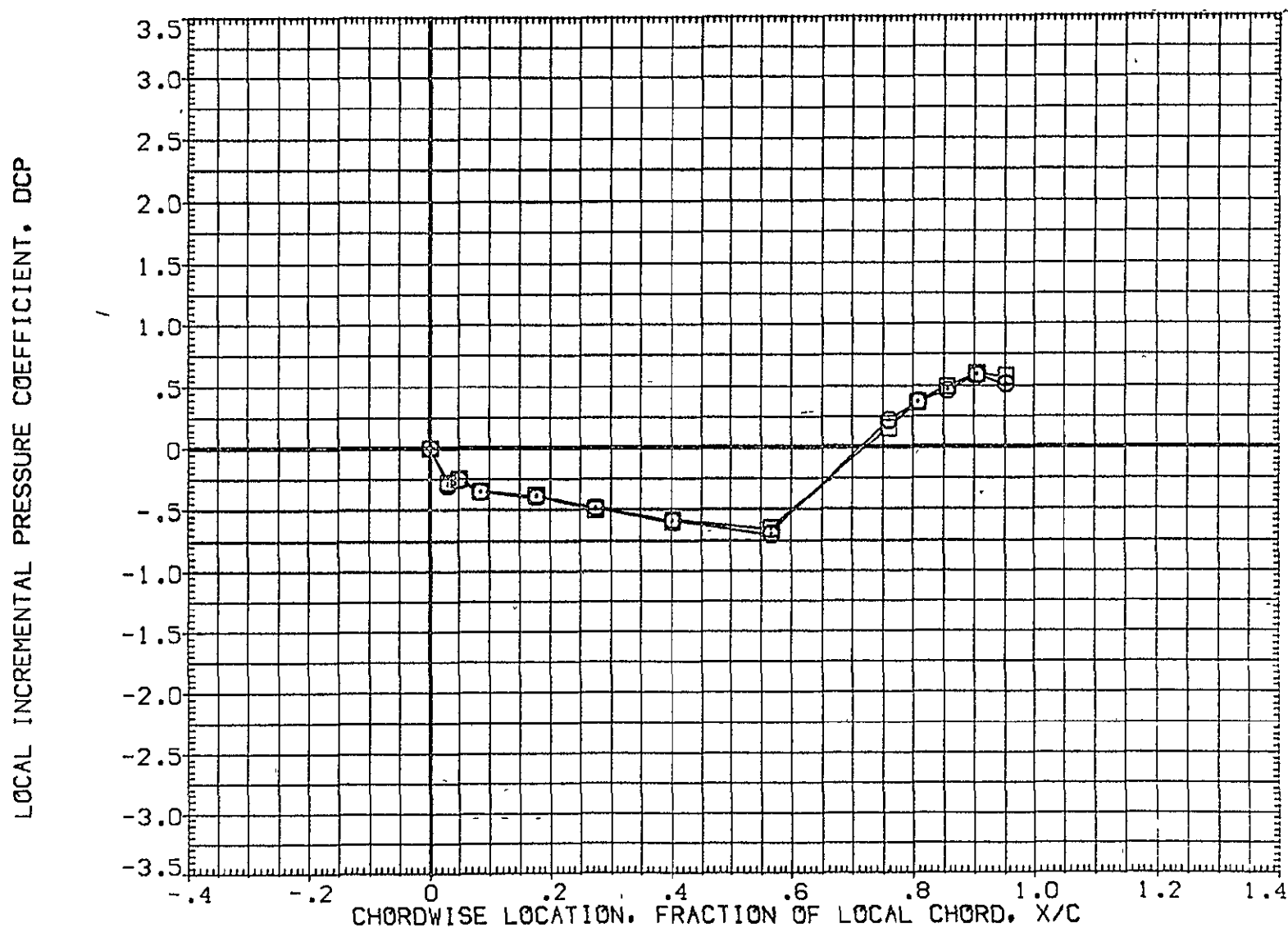


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045] ○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7068] □	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000



FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 4.000  $2Y/B = .771$

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
[AF7045]	IA70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
[AF7068]	IA70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

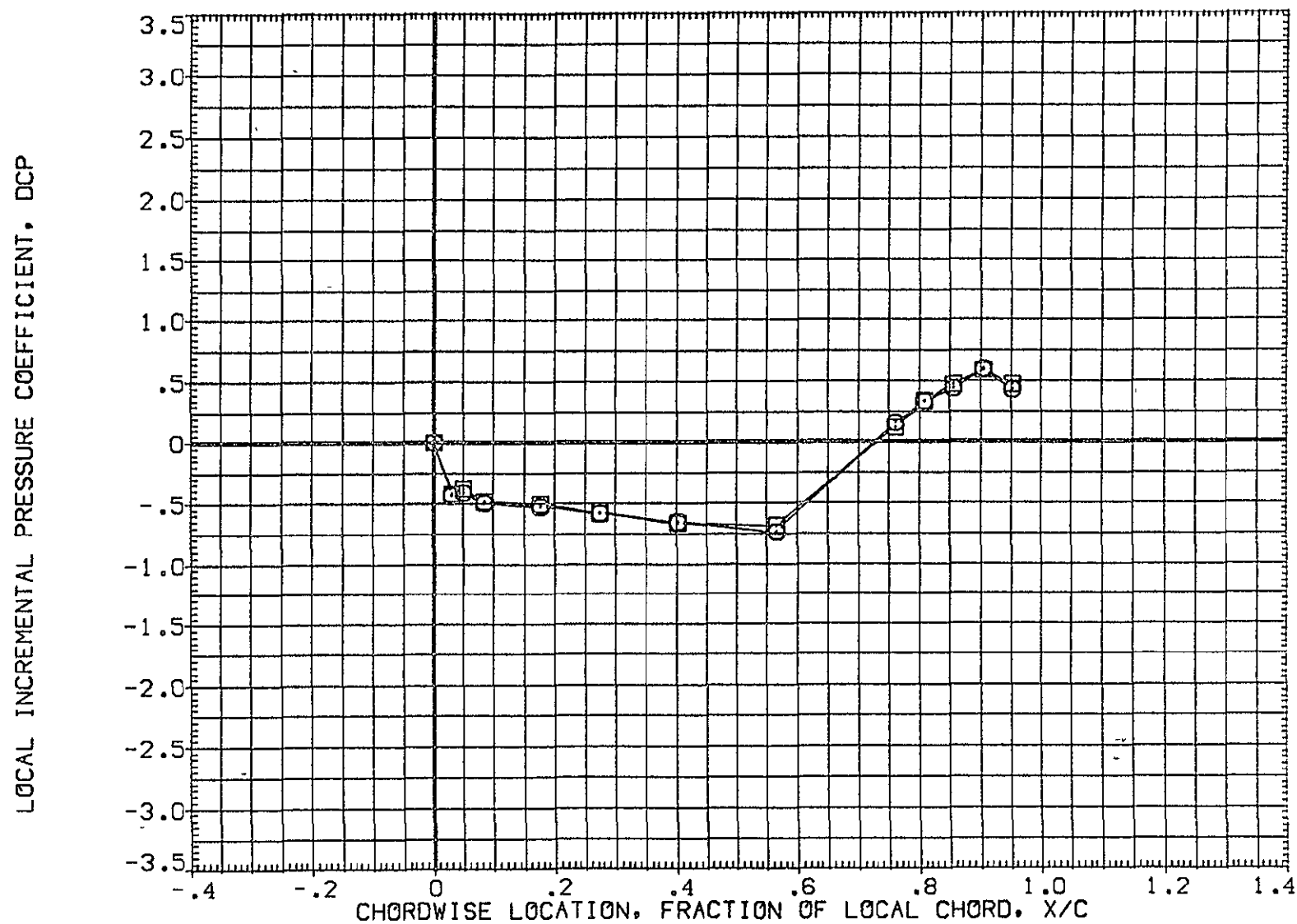


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 6.000 2Y/B = .436

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DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045) ○	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7068) □	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

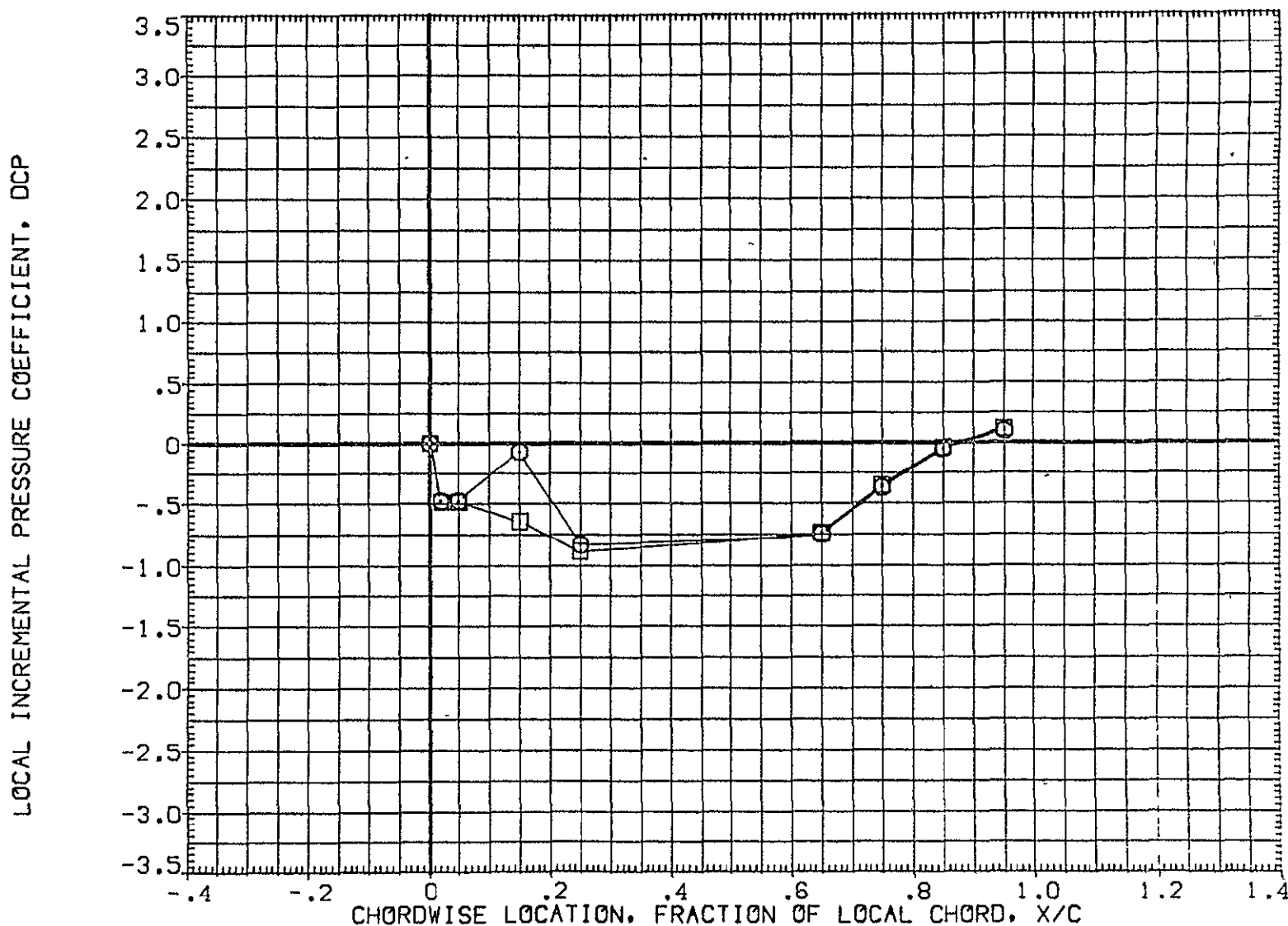


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION  
MACH = 1.240 ALPHA = 6.000 2Y/B = .771 PAGE 1436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7058)	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

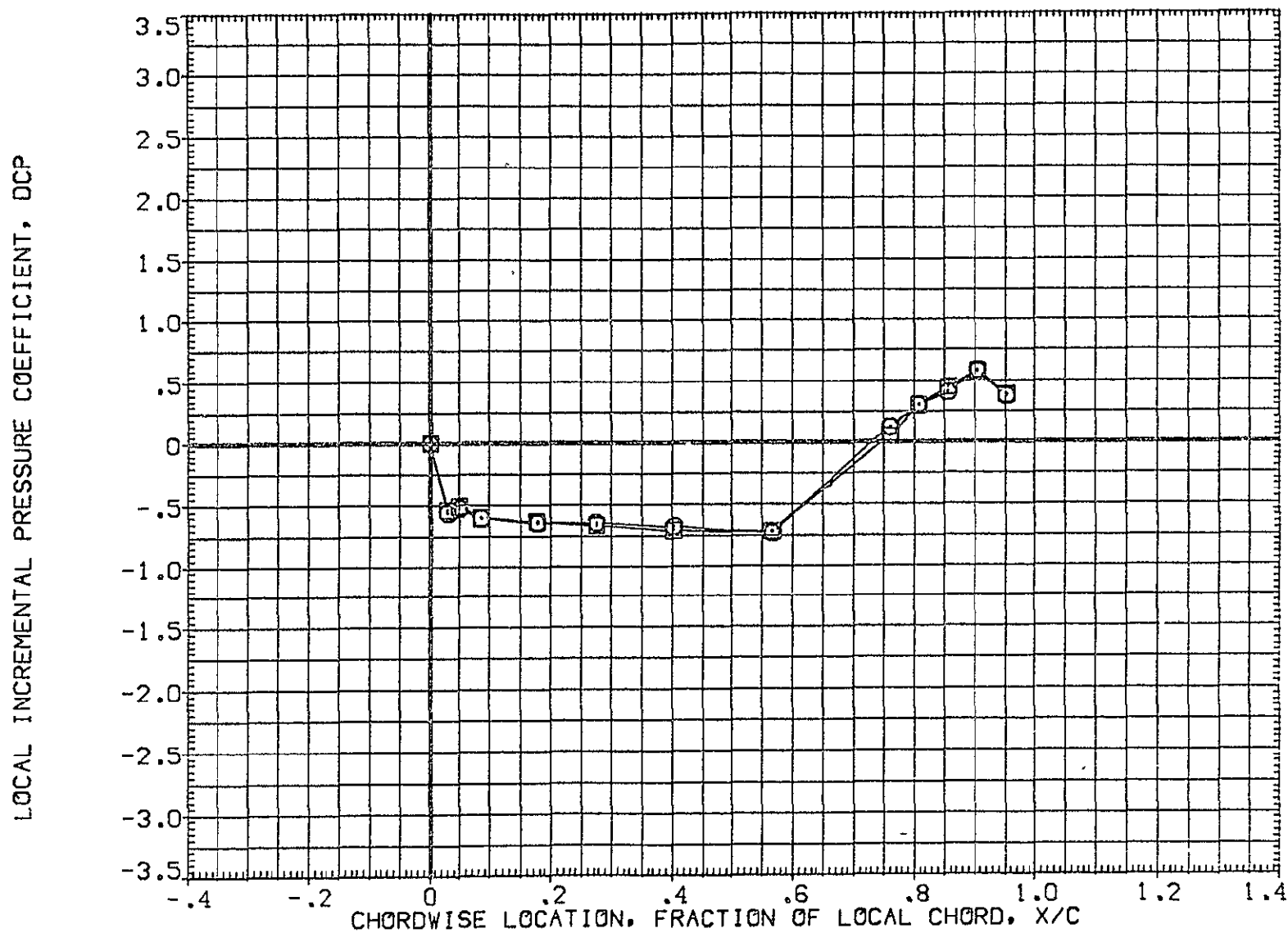


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .436

DATA SET SYMBOL	CONFIGURATION DESCRIPTION	ELV-1	ELV-2	ELV-3	ELV-4
(AF7045)	1A70 01 T12 S1 P2 P8 WING ( UPPER - LOWER )	.000	.000	.000	.000
(AF7058)	1A70 01 T12 S1 P2 P10 WING ( UPPER - LOWER )	.000	.000	.000	.000

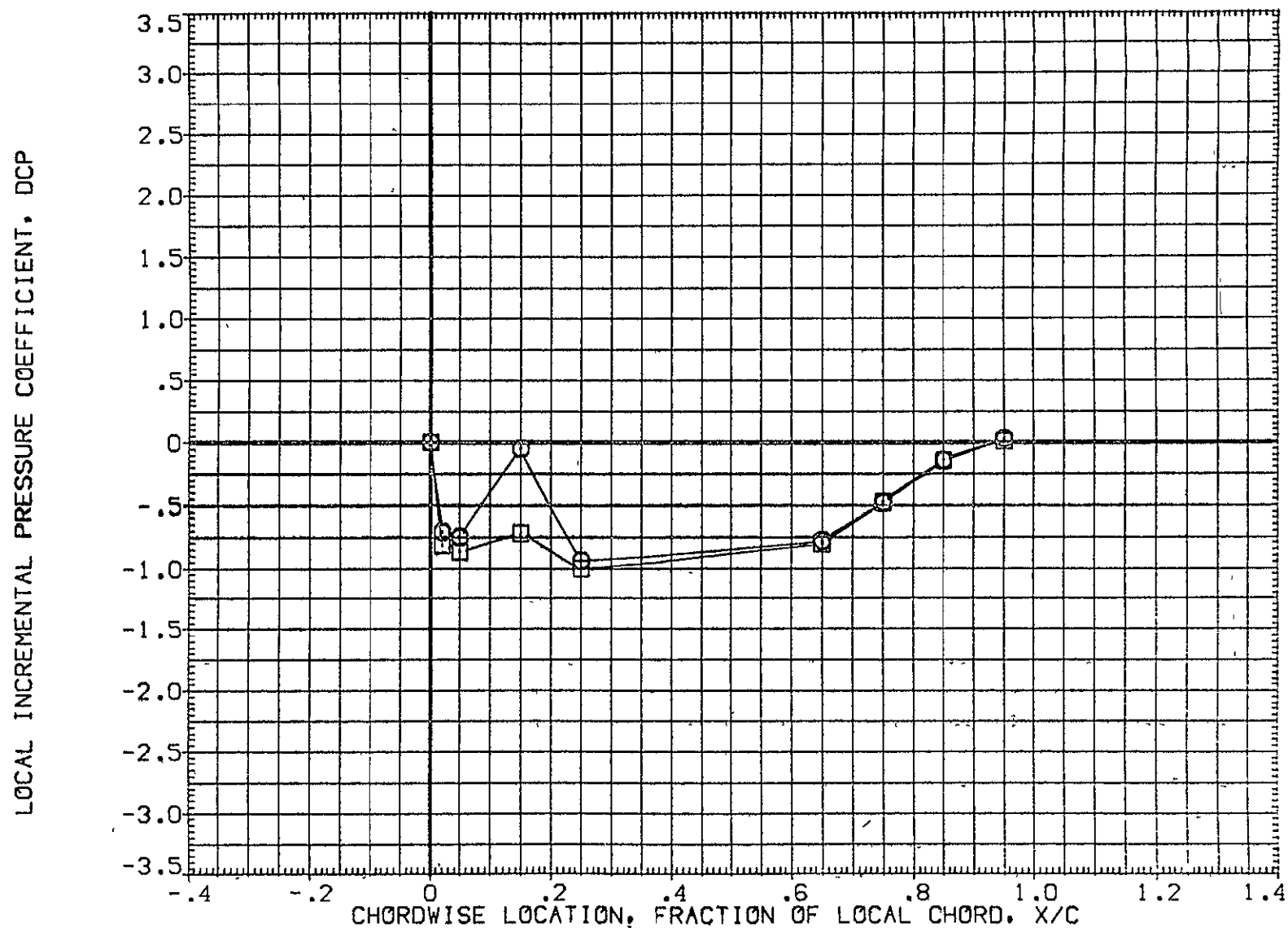


FIG 32 EFFECT OF REAR ATTACH CROSS BEAM, 0 DEGREE ELEVON DEFLECTION

MACH = 1.240 ALPHA = 8.000 2Y/B = .771

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